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**Personal**

Date of birth	December 25, 1942
Place	Amsterdam, The Netherlands
Nationality	Dutch
Married	Ursula M. Hoeben 4 children
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**Professional Training:**

1955-1960	Ir. C. Lely Lyceum, Amsterdam
1960-1967	Chemistry study at the University of Amsterdam, The Netherlands
1967	Doctoral examination Organic Chemistry at the University of Amsterdam with the subsidiary subjects: Human Physiology, and Chemical Technology.
1967-1973	Ph.D. Thesis work at the Laboratory of Pharmacology at the University of Nijmegen (Prof. Dr. E.J. Ariëns and Prof. Dr. J.M. van Rossum).
1973 June 7	Cum Laude Ph.D. Thesis entitled:  <i>Pharmacokinetics and Metabolism of Amphetamines</i> , promotor Prof. Dr. J.M. van Rossum.

- 1973-1974 Visiting Research Fellow Department of Anaesthesiology (Prof.Dr. E.N.Cohen) Stanford University, Palo Alto, California, USA.
- 1974-2004 Staf research position, staff member and associate professor at the Departments of Clinical Pharmacy (Prof. Dr. E. van der Kleijn ) and Anaesthesiology (Prof. Dr.J.F. Crul, Prof. Dr. L.H.D.J. Booij), University Medical Center Sint Radboud, University of Nijmegen, Nijmegen, The Netherlands.
- 1975 Member of the Editorial board of: Tijdschrift voor Alcohol, Drugs en Psychotrope Stoffen (Journal of Alcohol, Drugs and Psychotropic drugs).
- 1977-1988 Member Advisory Board ABL industries (Assen, Netherlands).
- 1978-2004 Member of the executive committees of the Department of Clinical Pharmacy and of the Institute of Anaesthesiology.
- 1980-1985 Editorial referee Clinical Pharmacokinetics, Editorial Referee Pharmaceutisch Weekblad, Scientific Edition.
- 1985-1995 Member of the Hospital Formulary Committee.
- 1982-1990 Member of the Editorial Board of Drug Intelligence and Clinical Pharmacy.
- 1981-1984 Member of the first Hospital Ethical Committee.
- 1983-1986 Director of the Post Graduate Course of TGO/JDR (Tijdschrift voor Geneesmiddel en Onderzoek TGO, Journal of Drug Research).  
Column Editor Drugs and Laboratory TGO/JDR.
- 1984-1995 Member of the Editorial Board Tijdschrift voor Geneesmiddel, Onderzoek en Therapie, TGO/JDR.
- 1984-present Scientific Advisor DADA Consultancy (Drug Registration), Nijmegen, the Netherlands.
- 1985-1995 Member of the Editorial Board Pharmaceutisch Weekblad, Scientific Edition.  
Member Editorial Review Board Archives Internationales de Pharmacodynamie et de Therapie.
- 1985-1995 Scientific Advisor, Farma Research, Nijmegen, The Netherlands
- 1985-2004 Associate professor in Clinical Pharmacy, University of Nijmegen, The Netherlands
- 1990-2001 Member Editorial Review Board Acta Neuropsychiatrica.
- 1992-2001 Member Scientific committee National Epilepsy Research, Utrecht, The Netherlands.

- 1995-2001 Member Staff National Institute Doping and DrugsResearch, University of Utrecht, Netherlands.
- 1997-present Member and secretary Institutional Review Board FarmaResearch, Nijmegen. Since 2006 called: Independent Review Board Nijmegen, licensed by the Dutch Government.
- 2000-2005 Member Editorial Review Board Journal of Chromatography.
- 2004 Retirement from University Medical Center Sint Radboud, Nijmegen University. Nijmegen The Netherlands.
- 2005-present Member Editorial Advisory Board Current Drug Therapy. [www.Bentham.org/cdth](http://www.Bentham.org/cdth)

Co-promotor in the PhD thesis of:

- 3-6-1983 Hekster YA. Selection criteria for antimicrobial drug utilization. E van der Kleijn, RJA Goris, TB Vree.
- 29-6-1983 Walenkamp GHIM. Gentamicin-PMMA beads. A Clinical, pharmacokinetic and toxicological study. ThJG van Rens, GCJ van der Ploeg, TB Vree.
- 14-6-1985 Driessen JJ. Anaesthesia related effects of benzodiazepines. JF Crul, LHDJ Booij, TB Vree.
- 11-9-1987 Wijnands WJA, The fluoro-quinolones in the treatment of lower respiratory tract infections. CLA van Herwaarden, B van Klingeren, TB Vree.
- 15-1-1991 Wuis EW. Pharmacokinetics of antispastic drugs, a study on baclofen and dantrolene. E van der Kleijn, TB Vree
- 21-9-1995 Schoondermark-van de Ven E. Toxoplasmosis. An experimental study in rhesus monkeys for prenatal diagnosis and treatment of congenital infections. Co-author of 50% of the articles. Member opposition committee.
- 30-9-1995 de Groot ANJA. Safe motherhood. The role of oral (methyl)ergometrine in the prevention of postpartum haemorrhage. T.A.K.B. Eskes, P. van Dongen, Y.A. Hekster, T.B.Vree.
- 27-11-1995 van der Ven AJAM. Adverse reactions to co-trimoxazole in HIV infection. Studies to explore the mechanism. J.W.M. van der Meer, P.P. Koopmans, T.B. Vree.
- 12-6-1996 Keuzenkamp-Jansen, CW. The metabolic enigma of 6-mercaptopurine. Member opposition committee. JMF Trijbels, RA de Abreu, JPM Bökkerink.

- 19-6-1996 Koopman-Kimenai PM. Pharmacokinetics of nicomorphine. Metabolic conversion, an important aspect of drug action. L.H.D.J. Booij, T.B.Vree, R. Dirksen.
- 27-1-1999 Boom SPA. Renal clearance and interactions of cationic drugs with special reference to the histamine H<sub>2</sub>-receptor antagonists. P. Smits, FJM Russel. Member opposition committee.
- 1995-present External examiner for 8 candidates of the Agricultural University, Faisalabad, Pakistan and of the University of Karachi, Pakistan

Author and co-author of 609 refereed scientific articles in chemistry, clinical pharmacology and (veterinary) medicines.

Author and editor of 2 books:

Pharmacokinetics of sulphonamides revisited. Antibiotics and Chemotherapy 1985; 34: 1-200, Karger Basel.

Clinical Pharmacokinetics of Sulphonamides and their metabolites. Antibiotics and Chemotherapy 1987; 37: 1-202, Karger Basel.

1974-2004 Head of the Clinical Pharmacokinetics Laboratory, Institute for Anaesthesiology, University Medical Center Nijmegen Sint Radboud, University of Nijmegen, Nijmegen, The Netherlands.

The Laboratory is in charge for the measurements of concentrations of drugs in body fluids of man.

Lid Institutional Review Board Nijmegen

Als chemicus -farmacoloog, methodoloog en statisticus

Nevenbetrekking

DADAConsultancy, als consultant Farmacokinetiek

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Heeft geen financiële belangen bij een van de Sponsors die de protocollen bij de IRBN indienen.

Member Institutional Review Board Nijmegen specialty Chemistry -Pharmacology, Methodology and Statistics

There no financial interests/conflicts in one of the sponsors who submit protocols at the Independent Review Board Nijmegen.

Additional job

DADAConsultancy, as consultant Pharmacokinetics and Methodology

Dennenstraat 109, 6543JR Nijmegen

List of Publications  
PRIVATE

PUBLICATIONS

**1967**

- 100 Boeles JThF, Kloosterman GJ, Plantema MC, Vree TB. Mechanical activity of the human gravid and nongravid uterus in vitro. *Acta Physiologica Pharmacologica Neerlandica*: 14 (1967).

**1969**

- 1 Rossum JM van, Vree TB. Farmacologie en kinetiek van de centraal stimulerende dopingmiddelen. *Geneeskunde en Sport* 1969; 1: 18-38.
- 2 Vree TB. Is de doping controle niet waterdicht? *Chemisch Weekblad* 18 juli (1969).
- 3 Rossum JM van, Vree TB. Dopingmiddelen met centraal stimulerende werking: Over de farmakologie, de farmakokinetiek en de analytische bepaling van psychomotorstimulantia. *Nederlands Tijdschrift voor Geneeskunde* 1969; 113: 1944-1959.
- 4 Vree TB, Rossum JM van. Suppression of renal excretion of Fencamfamine in man. *European Journal of Pharmacology* 1969; 7: 227-230.
- 5 Vree TB, Muskens AThJM, Rossum JM van. Some physicochemical properties of amphetamine and related drugs. *Journal of Pharmacy and Pharmacology* 1969; 21: 774-775.

**1970**

- 6 Vree TB. Stimulerende middelen in de sport en de volksgezondheid. *Sportcahiers* no.6. Nederlandse Katholieke Sportfederatie (1970).
- 7 Vree TB, Rossum JM van. Kinetics of metabolism and excretion of amphetamines in man. Amphetamines and related compounds; Proceedings of the Mario Negri Institute for pharmacological research, Milan Edited by E. Costa and S. Garattini, Raven Press, New York, p.165-191 (1970).

## 1971

- 8 Vree TB, Gorgels JPMC, Muskens AThJM, Rossum JM van. Deuterium isotope effects in the metabolism of N-alkyl substituted amphetamines in man. *Clinica Chimica Acta* 1971; 34: 333-344.
- 9 Rossum JM van, Breimer DD, Ginneken CAM van, Kordelaar JMG van, Vree TB. Gas liquid chromatography in pharmacology and toxicology; Pharmacokinetic analysis limited by the sensitivity of the analytical technique. *Clinica Chimica Acta* 1971; 34: 311-319.
- 10 Vree TB, Muskens AThJM, Rossum JM van. Deuterium isotope effects and stereochemistry in the dealkylation and deamination of amphetamines and ephedrines in man. *Xenobiotica* 1971; 1: 385-386.
- 18 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van, Zeeuw RA de, Witte AH. Identification of cannabivarin in hashish by a new method in combined gaschromatography-mass spectrometry. *Clinica Chimica Acta* 1971; 34: 365-372.
- 19 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van. Identification of hashish constituents by a new method of combined gas chromatography-mass spectrometry: Identification of CBD, THC and their homologues with a propyl and methyl side chain. L.K.B. application note (1971).
- 20 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van. Identification of the methyl and propyl homologues of CBD, THC and CBN in hashish by a new method of combined GCMS. *Acta Pharmaceutica Suecia* 1971; 8: 683-684.
- 36 Vree TB. Verwijdering van amfetaminen, efedrinen en aminopropiolenen uit het lichaam. *Chemisch Weekblad* 24 september (1971).

## 1972

- 11 Vree TB, Muskens AThJM, Rossum JM van. Deuterium isotope effects and stereochemistry in the dealkylation and deamination of amphetamines and ephedrines in man. *Biological Oxidation of Nitrogen in Organic Molecules. Proceedings of the symposium held at Chelsea College, London, December 1971.* Taylor and Francis LTD, London (1972).
- 12 Vree TB, Muskens AThJM, Rossum JM van. Metabolism of N-alkyl substituted aminopropiophenones in man in comparison to amphetamines and ephedrines. *Archives Internationales de Pharmacodynamie et de Therapie* 1972; 197: 392-395.
- 13 Vree TB, Muskens AThJM, Rossum JM van. Excretion of amphetamines in human sweat. *Archives Internationales de Pharmacodynamie et de Therapie* 1972; 199: 311-317.
- 16 Vree TB. Dopingcontrole. *Pharmaceutisch Weekblad* 1972; 107: 687-691.
  - 21 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van. Identification of tetrahydrocannabinol, cannabinol and cannabidiol analogues with a methyl side chain. *Journal of Pharmacy and Pharmacology* 1972; 24: 7-12.
- 22 Zeeuw RA de, Wijsbeek J, Breimer DD, Vree TB, Ginneken CAM van, Rossum JM van. Cannabinoids with a propyl side chain in cannabis. Occurrence and chromatographic behaviour. *Science* 1972; 175: 778-779.
- 23 Breimer DD, Vree TB, Ginneken CAM van, Rossum JM van. Some new cannabis constituents: In: *Biochemical and pharmacological aspects of dependence and reports on marihuana research.* H.M. van Praag (Ed). De Erven Boon, Haarlem. 116-118, 1972.
- 24 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van, and others. *Chemie en farmacokinetiek van hashish en marihuana bestanddelen.* *Chemisch Weekblad*, 25 februari: H1-H16, 1972.
- 25 Breimer DD, Vree TB, Ginneken CAM van, Henderson PTh, Rossum JM van. Identification of cannabis metabolites by a new method of combined gas chromatography-mass spectrometry. *Proceedings of the International symposium on gas chromatography-mass spectrometry. Isle of Elba, Italy 1972.* A. Frigerio,(Ed) Tamburini Editore Milano, 1972.
- 26 Ginneken CAM van, Vree TB, Breimer DD, Thijssen HHW, Rossum JM van. Cannabino diol, a new hashish constituent identified by gas chromatography-mass spectrometry. *Proceedings of the International symposium on gas chromatography-mass spectrometry. Isle of Elba, Italy 1972.* A. Frigerio (Ed)., Tamburini Editore, Milano, 1972.
- 27 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van. Identification of cannabicyclol with a pentyl and propyl side chain by means of combined

gaschromatography- mass spectrometry. *Journal of Chromatography* 1972; 74: 124-127.

- 28 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van. Gas chromatography of cannabis constituents and their synthetic derivatives. *Journal of Chromatography* 1972; 74: 209-224.



## 1973

- 14 Vree TB, Henderson PTh, Rossum JM van, Doukas PH. In vivo and in vitro inhibition of the metabolism of N-alkyl substituted amphetamines in rat by ferrocenylisopropylamine. *Xenobiotica* 1973; 3: 23-35.
- 15 Vree TB, Logt JThM van der, Henderson PTh, Rossum JM van. Metabolism of cyclohexylisopropylamines in man in comparison with amphetamines. Proceedings of the C.I.N.P. congress Copenhagen August 1972, *Advances in Neuropsychopharmacology* 1972. Avicenum, Czechoslovak Medical Press, Praha. In: *Psychopharmacology, Sexual Disorders and drug abuse*. TA Ban, JR Boissier, GJ Gessa, H Heimann, L Hollister, HE Lehmann, I Munkvad, Hannah Steinberg, F Sulser, A Sundwall and O Vinar (Eds). 595-605 (1973) and *Psychopharmacologia* 26 Supp 38, 1973.
- 17 Henderson PTh, Vree TB. Cytochrom P450, een enzym om mee te overleven. *Chemisch Weekblad* 1973; 22 juni: 9-13.
- 29 Vree TB, Breimer DD, Ginneken CAM van, Rossum JM van, Nibbering NMM. Gas chromatography of cannabinoids: Gas chromatographic behaviour of CIS, TRANS, and TRANS, and ISO THC. *Journal of Chromatography* 1973; 79: 81-90.
- 30 Zeeuw RA de, Vree TB, Breimer DD, Ginneken CAM van. Cannabivarichromene, a new cannabinoid with a propyl side chain in cannabis. *Experientia* 1973; 29: 260-261.
- 31 Bercht CAL, Lousberg RJJCh, Küppers FJEM, Salemink CA, Vree TB, Rossum JM van. Identification of cannabinol methyl ether from hashish. *Journal of Chromatography* 1973; 81: 163-166.
- 32 Vree TB, Nibbering NMM. Phenolic proton transfer to the 1,2 double bond in the molecular ion of trans 1,2-tetrahydrocannabinol. *Tetrahedron* 1973; 29: 2849-2852.
- 33 Vree TB. Pharmacokinetics and Metabolism of Amphetamines. Akademisch proefschrift Universteit van Nijmegen, 7 juni 1973.

## 1974

- 34 Henderson PTh, Vree TB, Ginneken CAM van, Rossum JM van. Activation energies of  $\alpha$ C-oxidation and N-oxidation of N-alkylsubstituted amphetamines by rat liver microsomes. Stereochemistry and deuterium isotope effects. *Xenobiotica* 1974; 4: 121-130.
- 35 Henderson PTh, Vree TB. Interactie van amfetaminen met cytochroom P-450. *Pharmaceutisch Weekblad* 1974; 109: 813-823.
- 37 Kleijn E van der, Guelen PJM, Wijk C van, Baars AM, Vree TB. Clinical pharmacokinetics of antiepileptic drugs. Quantitative variables of drug clearance for the individual assessment of dosage regimens. *Acta Pharmaceutica Suecica* 1974; 11: 663-668.
- 38 Vree TB, Waal RMW de, Henderson PTh. Mechanism of oxidative N-dealkylation of a series of N-dialkyl substituted diamines. 15th Dutch Federal Meeting Medical -Biological society. 369, 1974.
- 40 Kleijn E van der, Guelen PJM, Wijk CGWM van, Baars AM, Vree TB. Clinical pharmacokinetics of benzodiazepines, barbiturates and short chain fatty acids. *Clinical pharmacokinetics* 79-103 (1974) *Am. Pharm. Ass. Library of Congress Catalog* No 74 16725.
- 45 Vree TB, Muskens AThJM, Rossum JM van. Een waterdichte dopingcontrole. In: *Sport, Lichamelijke vorming en Wetenschap*. J.E. Huting (Ed). R.A. Binkhorst, Meander 1974, 194-213.

## 1975

- 39 Vree TB, Kleijn E van der. Capacity limited eliminaton of 4-hydroxybutyrate ( $\gamma$ OH<sup>†</sup>) butanediol-1,4 and ethanol in rhesus monkey and man. 16<sup>th</sup> Dutch Fed Meeting Utrecht (1975).
- 41 Kleijn E van der, Guelen PJM, Baars AM, Vree TB, Termond E. The clearance and plasma concentration of antiepileptic and cardiac drugs as references for the calculation and individual monitoring of dosage regimens. *Pharmaceutisch Weekblad* 1975; 110: 1222-1232.
- 42 Reekers-Ketting JJ, Kleijn E van der, Leliveld BA, Schobben AFAM, Vree TB. Pharmacokinetics of di-propylacetate (Depakine) in different dosage forms in man and rhesus monkeys. *Pharmaceutisch Weekblad* 1975; 110: 1232-1236.
- 43 Vree TB, Baars AM, Kleijn E van der. Capacity limited elimination of 4-hydroxybutyrate ( $\gamma$ OH) ethanol and vinylbital (Bykonox). *Pharmaceutisch Weekblad* 1975; 110: 1257-1262.
- 44 Vree TB, Henderson PTh, Kleijn E van der, Guelen PJM. Drug interactions at the metabolic level. A reality in drug treatment of epilepsy. *Clinical Pharmacology of Antiepileptic drugs*. H Schneidert (Ed). Springer Verlag, 34-42 (1975).
- 46 Vree TB, Ketelaars HCJ. *Sport en Doping*. *Intermediair* 1975; 11 no 21: 7-13.
- 47 Vree TB, Baars AM, Kleijn E van der. Verwijdering van ethanol en andere alcoholen uit het lichaam van mens en rhesus aap. *Tijdschrift Alcohol Drugs* 1975; 1: 52-60.
- 52 Rossum JM van, Fleuren HLJM, Breimer DD, Yih TD, Vree TB, Ketelaars HG, Ginneken CAM van. Pharmacokinetics of psychotropic drugs. *Neuropsychopharmacology, Proc. of the IX congress of the Collegium Internationale Neuropsychopharmacologicum Paris 7-12 July 1974*. *Excerpta Medica Intn. Congress Series* 359: 89-107 (1975).

## 1976

- 48 Zwart A, Leeuw L de, Dieren A van, Vree TB, Saleh S, Garcia-Martinez R, Trimbos H. Rapid induction of ether anesthesia and controlled maintenance by a combination of intravenous and inhalation administration without the risk of explosion. *British Journal of Anesthesia* 1976; 48: 527-533.
- 49 Vree TB. Wat is kwaliteit van hashish? *Tijdschrift Alcohol, Drugs en Psychotrope Stoffen* 1976; 2: 67-73.
- 50 Vree TB, Kleijn E van der, Knop HJ. Rapid determination of 4-hydroxybutyric acid (GammaOH) and 2-propylpentanoate (Depakine) in human plasma by means of gasliquid chromatography. *Journal Chromatography* 1976; 121: 150-152.
- 51 Guelen PJM, Vree TB. The use of alkali flame nitrogendetector for the determination of psychotropic drugs by gasliquid chromatography. *SCAN* 1976; 7: 11-13.
- 53 Vree TB, Ketelaars HCJ. Sport en Doping. In: *Sport en Wetenschap*. Uitgeverij de Vrieseborch, Haarlem (1976).
- 54 Kleijn E van der, Guelen PJM, Baars AM, Vree TB, Termond E. Clinical pharmacokinetics of antiepileptic drugs. In: *Clinical pharmacy and clinical pharmacology*. Gouveia, Tognoni, Kleijn van der (Eds). 43-66 (1976). Elsevier/North-Holland Biomedical Press.
- 55 Vree TB, Kleijn E van der, Bogert AG van de, Hoes M, Gimbrère JSF. Clinical toxicology of central depressant and stimulant drugs. In: *Clinical Pharmacy and Clinical Pharmacology*, Gouveia, Tognoni, Kleijn van der (Eds). 67-87 (1976). Elsevier/North Holland Biomedical Press.
- 56 Kleijn E van der, Vree TB, Guelen PJM. Klinische farmacokinetiek van psychopharmaca. *BULLETIN* 1976; 76-3, 45-68, december.
- 57 Kleijn E van der, Vree TB, Guelen PJM. Farmacologie en farmacokinetiek van de ataraktische benzodiazepines. *Tijdschrift voor Geneesmiddelenonderzoek. J. Drug Research* 1976- 4 33-41, 1976 29-36, 1977-27-36

## 1977

- 62 Vree TB, Kleijn E van der. Pharmacokinetics and renal excretion of 2-propylpentanoate (Depakine) in man, dog and rhesus monkey. *Pharmaceutisch Weekblad* 1977; 112: 290-292.
- 63 Vree TB, Kleijn E van der. Interaction of 2-propylpentanoate (Depakine) with ethanol. *Pharmaceutisch Weekblad* 1977; 112: 313-316.
- 64 Vree TB, Damsma J, Kleijn E van der. Capacity limited elimination of 2-propylpentanoate and structurally related small chain fatty acids. *Pharmaceutisch Weekblad* 1977; 112: 297-300.
- 65 Guelen PJM, Schobben F, Vree TB. Plasma concentration and relative clearance data of 2 propylpentanoate (Depakine) in epileptic patients. *Pharmaceutisch Weekblad* 1977; 112: 323-326.
- 66 Vree TB, Damsma J, Kleijn E van der. Increase of the clearance of 2-propylpentanoate in dogs undergoing concomittant administration of phenobarbital and 3-methylcholanthrene. *Pharmaceutisch Weekblad* 1977; 112: 316-319.
- 67 Kleijn E van der, Vree TB, Guelen PJM. 7-Chloro-1,4-benzodiazepines: Diazepam, Desmethyldiazepam, Oxydiazepam, Oxydesmethyldiazepam (oxazepam) and Chlordiazepoxide. Chapter V-1 page 997-1037. *Psychopharmacology series Volume 2. Psychotherapeutic drugs, Part II.* eds Earl Usdin and Irene S. Forrest. Marcel Dekker (1977).
- 68 Kleijn E van der, Rijntjes NVM, Vree TB, Schobben F, Westenberg H, Jonkman J, Knop HJ, Geyn H van. Similarities and differences in the kinetics of distribution and of placental transfer of antiepileptic drugs of extremely varying physico-chemical properties. *Acta Pharmacologica et Toxicologica* 1977; 41S: 168-169.
- 69 Schobben F, Kleijn E van der, Vree TB, Guelen PJM. Pharmacokinetics of Dipropylacetate (2-propylpentanoate) in man and laboratory animals. In: *Antiepileptic Drug Monitoring*. Ed. C. Gardner-Thorpe, D. Janz, H. Meinardi, Ch. Pippenger. Pitman Medical, London 147-164 (1977).
- 70 Guelen PJM, Kleijn E van der, Vree TB. Statistical analysis of pharmacokinetic parameters in epileptic patients chronically treated with antiepileptic drugs. Part IIA follow up of the study presented at Wodadiboff II. In: *Antiepileptic Drug Monitoring*, Ed. C. Gardner- Thorpe, D Janz, H Meinardi, Ch Pippenger. Pitman Medical, London, 335-341 (1977).
- 71 Rossum JM van, Ginneken CAM van, Henderson PTh, Ketelaars HCJ, Vree TB. Pharmacokinetics of Biotransformation. In: *Handbook of Experimental Pharmacology*, Chapter 3. Ed. JM van Rossum. Springer Verlag (1977).
- 72 Vree TB, Lenselink B, Kleijn E van der, Nijhuis GMM. Determination of flunitrazepam in

- body fluids by means of high performance liquid chromatography. *Journal of Chromatography, Biomedical Applications* 1977; 143: 530-534.
- 73 Kleijn E van der, Lucardie SM, Lakwijk-Vondrovicova E van, Baars AM, Termond E, Guelen PJM, Muller NF, Vree TB. Klinische Farmacokinetiek van Digoxine. *Tijdschrift Geneesmiddelenonderzoek TGO*, 1977 oktober, 101- 110.
- 74 Kleijn E van der, Lucardie S, Lakwijk-Vondrovicova E van, Baars AM, Termond E, Guelen PJM, Muller NF, Vree TB. Clinical Pharmacokinetics of digoxin. *Plasma Digitalis Concentration and Digitalis Therapy*, Ed. T Godfraind, Aditions Arscia s.a. Brussels. 119-148 (1977).
- 75 Vree TB. Mass spectrometry of cannabinoids. *Journal of Pharmaceutical Sciences* 1977; 66: 1444-1450.
- 76 Guelen PJM, Vree TB. Bepaling van methadonconcentraties in bloed bij behandeling van heroïneverslaafden. *Tijdschrift Alcohol, Drugs, Psychotrope Stoffen* 1977; 3: 174-178.
- 77 Vree TB, Kleijn E van der. Pharmacokinetics and metabolism of the antiepileptic drug sodium valproate (Depakine, Epilim). Eds. TB Vree and E van der Kleijn. Bohn, Scheltema & Holkema (1977).
- 79 Kleijn E van der, Vree TB. Surveillance individuelle du traitement d'apres les taux plasmatiques et les parameters des clearances. *Journal Suisse de Pharmacie* 1977; 116: 161-174.

## 1978

- 78 Willems JL, Kort AFM de, Vree TB, Trijbels JMF, Veerkamp JH, Monnens LAH. Non enzymic conversion of pyruvate in aqueous solution to 2,4 dihydroxyglutaric acid. *FEBS letters* 1978; 86: 42-44.
- 59 Vree TB, Damsma J, Bogert AG van den, Kleijn E van der. Pharmacokinetics of 4-hydroxybutyric acid in man, rhesus monkey and dog. In: *Anaesthesiology and Intensive Care Medicine* 110. *Neue Untersuchungen mit Gammahydroxybuttersäure*. R Frey (ed) Mainz, F Kern, St.Gallen, O Mayrhofer, Wien 21-38. Springer Verlag, 1978.
- 60 Bogert AG van den, Vree TB, Kleijn E van der, Damsma J. Pharmacokinetics of 4-hydroxybutyric acid as a sedative in the intensive care unit. In: *Anaesthesiology and Intensive Care Medicine* 110. *Neue Untersuchungen mit Gammahydroxybuttersäure*. R Frey (ed) Mainz, F Kern, St.Gallen, O Mayrhofer, Wien 40-52 Springer Verlag, 1978.
- 61 Bogert AG van den, Vree TB, Kleijn E van der, Damsma J. Placentatransfer of 4-hydroxybutyric acid in man. In: *Anaesthesiology and Intensive Care Medicine* 110. *Neue Untersuchungen mit Gammahydroxybuttersäure*. R Frey (ed) Mainz, F Kern, St.Gallen, O Mayrhofer, Wien, 55-64, Springer Verlag, 1978.
- 58 Kleijn E van der, Vree TB, Pol W van der, Deleman R. The concept of capacity limited elimination of 4-hydroxybutyrate. In: *Anaesthesiology and Intensive Care Medicine* 110. *Neue Untersuchungen mit Gammahydroxybuttersäure*. R Frey (ed) Mainz, F Kern, St.Gallen, O Mayrhofer, Wien 1-18. Springer Verlag, 1978.
- 80 Kleijn E van der, Vree TB, Guelen PJM, Schobben F, Westenberg H, Knop HJ. Kinetics of drug interactions in the treatment of epilepsy. In: *Advances in Epileptology*. Ed. H Meinardi & AJ Rowan. Amsterdam, september 1977. Swets & Zeitlinger, Amsterdam Lisse, 197-210, 1978.
- 81 Schobben F, Vree TB, Kleijn E van der. Pharmacokinetics metabolism and distribution of 2-propylpentanoate (Sodium Valproate) and the influence of salicylate medication. In: *Advances in Epileptology*. Ed. H Meinardi and AJ Rowan. Swets and Zeitlinger, Amsterdam, Lisse, 271-277, 1978.
- 82 Vree TB, Hekster YA, Baars AM, Kleijn E van der. Rapid determination of amoxicillin (Clamoxyl) and ampicillin (Penbritin) in body fluids of man by means of high performance liquid chromatography. *Journal of Chromatography* 1978; 145: 496-501.
- 83 Vree TB, Hekster YA, Baars AM, Damsma JE, Kleijn E van der. Determination of trimethoprim and sulfamethoxazole (Co-trimoxazole) in body fluids of man by means of high performance liquid chromatography. *Journal of Chromatography* 1978; 146: 103-112.

- 84 Guelen PJM, Vree TB. Kanttekeningen vanuit het gezichtspunt van de farmacokinetiek bij het meten van klinische veranderingen onder invloed van psychopharmaca. BULLETIN 1978; 78 -2: 42-46 .
- 85 Vree TB, Hekster YA, Baars AM, Damsma J, Kleijn E van der. Pharmacokinetics of sulphamethoxazole in man: Effects of urinary pH and urine flow on metabolism and renal excretion of sulfamethoxazole and its metabolite N<sub>4</sub>-acetylsulfamethoxazole. Clinical Pharmacokinetics 1978; 3: 319-329.
- 86 Vree TB, Dalen R van, Kleijn E van der, Gimbrère JSF. Pharmacokinetics of Butanediol 1,4 and 4-Hydroxybutyric acid ethylester in man, rhesus monkey and dog. Anaesthesiologie und Intensivmedizin 110. Neue Untersuchungen mit Gamma Hydroxybuttersäure. In: Anaesthesiologie und Intensivmedizin 110. Neue Untersuchungen mit Gamma Hydroxybuttersäure. Eds. R Frey, Mainz, F Kern, St.Gallen, O Mayrhofer, Wien, Springer Verlag. 74-81, 1978.
- 87 Dalen R van, Vree TB, Gimbrère JSF. The use of butanediol 1,4 as a sedative in man. A preliminary report. In: Anaesthesiologie und Intensivmedizin 110. Neue Untersuchungen mit GammaHydroxybuttersäure. Eds. R Frey, Mainz, F Kern, St.Gallen, O Mayrhofer, Wien, 74-81, 1978. Springer Verlag.
- 88 Kleijn E van der, Vree TB. Individualized accompaniment of drug therapy by means of estimation of plasma concentrations and clearance parameters. Proceedings XIX Congress of the Italian Pharmacological Society. Second Portonovo Conference on Biomathematics. Angelini ACRAF press Ancona/Roma, 371-400, 1978.
- 89 Kleijn E van der, Vree TB, Guelen PJM, Westenberg H, Knop H. Kinetics of drug interactions in the treatment of epilepsy. International Journal of Clinical Pharmacology 1978; 16: 467-473.
- 91 Vree TB and Clinical Pharmacy Group: Drug monitoring in small (100ul) samples of body fluids. Practical implications. Acta Pharmaceutica Suecica 1978; 15: 470-471.
- 92 Hoes MJAJM, Vree TB, Guelen PJM. Enhanced plasma concentrations of gamma hydroxybutyric acid in alcoholics. British Journal of Addiction 1978; 73: 423-424.



## 1979

- 90 Vree TB, Hekster YA, Baars AM, Damsma JE, Kleijn E van der, Bron J. Determination of nitrofurantoin (Furadantine) and hydroxymethylnitrofurantoin (Urfadyn) in plasma and urine of man by means of high performance liquid chromatography. *Journal of Chromatography*, B 1979; 162: 110-116.
- 94 Vree TB, Baars AM, Hekster YA, Kleijn E van der. Simultaneous determination of diazepam and its metabolites N-desmethyldiazepam, oxydiazepam and oxazepam in plasma and urine of man and dog by means of high performance liquid chromatography. *Journal of Chromatography* 1979; 162: 605-614.
- 95 Hekster YA, Baars AM, Vree TB, Klingereren B van, Rutgers A. Comparison of the determination of beta-lactam antibiotic drugs in plasma of rabbits by means of HPLC and of a microbiological assay. *Pharmaceutisch Weekblad Scientific Edition* 1979; 114: 695-700.
- 96 Dalen R van, Vree TB, Hafkenscheid JCM, Gimbrère JSF. Determination of plasma and renal clearance of Cefuroxime and its pharmacokinetics in renal insufficiency. *Journal of Antimicrobial Chemotherapy* 1979; 5: 281-292.
- 97 Vree TB, Hekster YA, Damsma JE, Kleijn E van der, O'Reilly WJO. Pharmacokinetics of N<sub>1</sub>-acetyl and N<sub>4</sub>-acetylsulphamethoxazole. *Clinical Pharmacokinetics* 1979; 4: 310-319.
- 98 Kleijn E van der, Guelen PJM, Schobben F, Vree TB. Klinische Farmacokinetiek van antiepileptica. Individuele doseringsberekening van geneesmiddelen bij de behandeling van epileptische patienten. *Journal of Drug Research TGO* 1979; 5: 523-534.
- 99 Bron J, Vree TB, Damsma JE, Hekster YA, Kleijn E van der. Dissolution, bioavailability and pharmacokinetics of three nitrofurantoin preparations in man.
- 101 Vree TB, Lenselink B, Huysman FTM, Fleuren HLJ, Thien ThA. Rapid determination of Diazoxide in plasma and urine by means of high performance liquid chromatography. *Journal of Chromatography, Biomedical Applications* 1979; 164: 228-234.
- 102 Kleijn E van der, Vree TB. Antiepileptic drugs. In: *Therapeutic relevance of drug assays*. Ed. FA de Wolf, H Mattie and DD Breimer. Leiden University Press. Chapter 5, pag. 45-63 (1979).
- 103 Kleijn E van der, Baars AM, Damsma JE, Guelen PJM, Schobben AFAM, Termond, E, Vree TB. Pharmacokinetic interpretation of the fate of drugs in body fluids. In: *The serum concentration of drugs. Clinical relevance, theory and practice*. Ed. FWHM Merkus, Excerpta Medica International Congress Series no. 501: page 18-48, 1979.
- 104 Schobben AFAM, Vree TB, Kleijn E van der. Clinical Pharmacokinetics of valproic acid. In: *The serum concentration of drugs. Clinical relevance, theory and practice*. Ed. FWHM

Merkus, Exerpta Medica International Congress Series no. 501: page 97-106, 1979.

- 105 Hekster YA, Vree TB, Dalen R van, Baars AM, Damsma JE, Kleijn E van der: Determination and pharmacokinetics of some beta-lactam antibiotic drugs. In: The serum concentration of drugs. Clinical relevance, theory and practice. Ed. FWHM Merkus, Exerpta Medica International Congress Series no. 501: page 195-205, 1979.
- 106 Vree TB, Hekster YA, Kleijn E van der. Clinical Pharmacokinetics of sulphonamides. In: The serum concentration of drugs. Clinical relevance, theory and practice. Ed. FWHM Merkus, Exerpta Medica International Congress Series no. 501: pag. 205-215, 1979.
- 107 Kleijn E van der, Vree TB. Surveillance individuelle du traitement d'apres les taux plasmatiques et les parametres des clearances. Lyon Medicale 1979; 241-19, 521-534.

## 1980

- 93 Hoes MJAJM, Vree TB, Guelen PJM. Gamma-hydroxybutyric acid as hypnotic; a clinical and pharmacokinetic study. *Encéphale* 1980; VI: 93-99.
- 108 Schobben F, Vree TB, Kleijn E van der, Claessens R, Renier WO. Metabolism of Valproic acid in monkey and man. In: *Antiepileptic Therapy, Advances in Drug Monitoring*. Ed. SI Johannessen et al. 91-100, 1980. Raven Press.
- 109 Hekster YA, Baars AM, Vree TB, Klingereren B van, Rutgers A. Comparison of high performance liquid chromatography and microbiological assay in the determination of plasma cefuroxime concentrations in rabbits. *Journal of Antimicrobial Chemotherapy* 1980; 5: 65-71.
- 110 Guelen PJM, Baars AM, Vree TB, Nijkerk AJ, Vermeer JM. Rapid and sensitive determination of chlorthalidone in blood, plasma and urine of man using highperformance liquid chromatography. *Journal of Chromatography, Biomedical applications* 1980; 181: 497-503.
- 111 Hekster YA, Vree TB, Dalen R van, Kleijn E van der, Hafkenscheid J. Pharmacokinetics of cefuroxime and cefoxitin with normal, impaired and probenecid functionally impaired kidney function. In: *Current Chemotherapy and Infectious Disease. Proceedings of the 11th Int. Congr. of Chemotherapy and the 19<sup>th</sup> Interscience Conf. Antimicrob. Agents and Chemotherapy*. Vol.1: 570-573, 1980.
- 112 Vree TB, O'Reilly WJ, Hekster YA, Damsma JE, Kleijn E van der. Determination of the acetylator phenotype and pharmacokinetics of some sulphonamides in man. *Clinical Pharmacokinetics* 1980; 5: 274-294.
- 113 Hekster YA, Baars AM, Dalen R van, Damsma JE, Hafkenscheid JCM, Kleijn E van der, Lamfers EJP, Vree TB. Pharmacokinetics of some beta-lactam antibiotic drugs. In: *Progress in Clinical Pharmacy II*, page 91-100. Ed. G Aulager, JC Plasse and E van der Kleijn. Elsevier/North-Holland Biomedical Press, 1980.
- 114 Hoes MJAJM, Guelen PJM, Vree TB. Klinisch gebruik van de farmacokinetiek van psychofarmaca. *Tijdschrift voor Psychiatrie* 1980; 22: 394-401.
- 115 Schobben F, Kleijn E van der, Vree T.B. Therapeutic monitoring of valproic acid. *Therapeutic Drug Monitoring* 1980; 2: 61-71.
- 116 Kleijn E van der, Guelen PJM, Schobben F, Vree TB. Klinische farmacokinetiek van anti epileptica. Individuele doseringsberekening van geneesmiddelen bij de behandeling van epileptische patienten. In: *Epilepsie en Praktijk*. Ed. H Meinardi en M de Vlieger. Stafleu's Wetenschappelijke Uitgeversmaatschappij, 132-163, 1980.
- 117 Vree TB, Kleijn E van der, Dalen R van, Gimbrère JSF, Thien ThA, Huysmans FTM, Hafkenscheid JCM, Arts ThHM. Drug monitoring in a clinical pharmacy laboratory

- methods and case studies. In: *Methods in Clinical Pharmacology*. N Rietbrock, BG Woodcock, G Neuhaus, Vieweg, (Eds), Braunschweig, 154-166, 1980.
- 118 Kleijn E van der, Guelen PJM, Schobben F, Vree TB. Farmacokinyka kliniczna lekòw przeciwpadaczkowych. *Farmacja Polska* 1980; XXXVI 7: 389- 400.
- 119 Kleijn E van der, Schobben F, Vree TB. Clinical pharmacokinetics of antiepileptic drugs; calculation of individual doses of drugs in the treatment of epileptic patients. *Drug Intelligence and Clinical Pharmacy* 1980; 14: 674-678.
- 120 Kleijn E van der, Baars AM, Damsma JE, Termond E, Vree TB. Clinical pharmacokinetics as a basis for the selection of drugs. *Bolletino Della Societa Italiana di Farmacia Ospedaliere. Pubblicazione Bimestrale* 1980; XXVI: 17-48.
- 121 Kleijn E van der, Vree TB, Baars AM, Edmunds LC, Knop HJ. Factoren die de activiteit en het lot van benzodiazepinen in het lichaam beïnvloeden. *Tijdschrift voor Geneesmiddelen Onderzoek TGO* 1980; 6: 804-815.
- 122 Kleijn E van der, Guelen PJM, Schobben F, Vree TB. Clinical pharmacokinetics of antiepileptic drugs. In: *The place of sodium valproate in the treatment of epilepsy*. Royal Society of Medicine International Congress and Symposium no.30. page 73-93, 1980. Academic Press, 1 Wimpole street, London.
- 123 Schobben F, Vree TB, Kleijn E van der. Metabolism and distribution of valproic acid. Some specific topics. In: *The place of sodium valproate in the treatment of epilepsy*. Published by the Royal Society of Medicine, International congress and symposium Series no.30. page 191-199, 1980. Academic press, 1 Wimpole street, London.
- 128 Vree TB, Henderson PTh. Pharmacokinetics of amphetamines in vivo and in vitro studies of factors governing their elimination. In: *Amphetamines and related stimulants: Chemical, Biological, Clinical and Sociological Aspects*. Ed. John Caldwell. CRC Press Inc. Boca Raton Florida, 47-69, 1980.

## 1981

- 124 Vree TB, Hekster YA, Dalen R van. Het meten van de concentratie van sulfonamides in bloed en urine van patienten met gestoorde nierfunctie. *Folia Chemotherapeutica (Roche)* 1-30, 1981.
- 125 Termond E, Janssen W, Kleijn E van der, Vree TB. Een laboratorium rapportage service systeem (LRSS) voor plasma concentraties van geneesmiddelen op basis van computer timesharing. *Tijdschrift voor Geneesmiddel Onderzoek. Journal of Drug Research* 1981; 6: 845-854.
- 126 Friesen WT, Hekster YA, Boerema JBJ, Vree TB, Nieste HJL, Kleijn E van der. Nieuwe ontwikkelingen in de behandeling van acute urineweginfecties. *Tijdschrift voor Geneesmiddel Onderzoek, Journal of Drug Research TGO/JDR* 1981; 6: 839-844.
- 127 Vree TB, Hekster YA, Hafkenscheid JCM, Dalen R van, Friesen WT. The influence of urine flow on renal clearance of creatinine in patients with normal and impaired kidney function. *Drug Intelligence and Clinical Pharmacy* 1981; 15: 194-198.
- 129 Kleijn E van der, Vree TB, Baars AM, Wijsman R, Edmunds LC, Knop HJ. Factors influencing the activity and fate of benzodiazepines in the body. *British Journal of Clinical Pharmacology* 1981; 11: 85S-98S.
- 130 Friesen WT, Hekster YA, Boerema JBJ, Vree TB, Nieste HLJ, Kleijn E van der. Recent developments in the treatment of acute urinary infections. *Journal of Clinical and Hospital Pharmacy* 1981; 6: 1-11.
- 131 Friesen WT, Hekster YA, Vree TB. Trimethoprim: Clinical use and pharmacokinetics. *Drug Intelligence and Clinical Pharmacy* 1981; 15: 325-330.
- 132 Booy LHDJ, Vree TB, Hurkmans F, Reekers-Ketting JJ, Crul JF. Pharmacokinetics and pharmacodynamics of the muscle relaxant drug Org NC45 and each of its hydroxy metabolites in dogs. *Anesthesist* 1981; 30: 329-333.
- 133 Vree TB, Guelen PJM, Jongman-Nix B, Walenkamp GHIM. The relationship between the renal clearance of creatinine and the apparent renal clearance of beta-microglobulin in patients with normal and impaired kidney function. *Clinica Chimica Acta* 1981; 114: 93-99.
- 134 Vree TB, Hekster YA Damsma JE, Dalen R van, Hafkenscheid JCM, Friesen WT. Renal excretion of sulphamethoxazole and its metabolite N<sub>4</sub>-acetylsulphamethoxazole in patients with impaired kidney function. *Therapeutic Drug Monitoring* 1981; 3: 129-135.
- 135 Kleijn E van der, Verbeke N, Oosterbaan M, Vree TB. Vertraagde afgifte en verlengde

- werking van geneesmiddelen. Tijdschrift voor Geneesmiddel Onderzoek 1981; 6: 967-978.
- 136 Vree TB, Hekster YA, Damsma JE, Tjhuis M, Friesen WT. Pharmacokinetics and mechanism of renal excretion of short acting sulphonamides and N<sub>4</sub>-acetylsulphonamides in man. Structural requirements of sulphonamides for active tubular secretion. *European Journal of Clinical Pharmacology* 1981; 20: 283-292.
- 137 Vree TB, Baars AM, Hekster YA, Kleijn E van der. Simultaneous determination of chlordiazepoxide and its metabolites in human plasma and urine by means of reversed phase high performance liquid chromatography. *Journal of Chromatography, Biomedical Applications* 1981; 224: 519-525.
- 138 Hekster YA, Vree TB, Damsma JE, Friesen WT. Pharmacokinetics of sulphametrole and its metabolite N<sub>4</sub>-acetylsulphametrole in man. *Journal of Antimicrobial Chemotherapy* 1981; 8: 133-144.
- 139 Vree TB, Hekster YA, Kleijn E van der. De betekenis van halfwaardetijden van geneesmiddelmetabolieten. Tijdschrift voor Geneesmiddel Onderzoek, *Journal of Drug Research TGO/JDR* 1981; 6: 1029-1035.
- 140 Booij LHDJ, Vree TB, Crul JF. ORG NC-45: een nieuw niet depolariserend spierrelaxans met steroidstructuur. Tijdschrift voor Geneesmiddel Onderzoek, *Journal of Drug Research TGO/JDR* 1981; 6: 1055-1059.
- 141 Walenkamp GHIM, Vree TB. Treatment of a patient with impaired renal function with gentamicinPMMA beads. *Archives of Orthopaedic and Traumatic Surgery* 1981; 99: 137-141.
- 143 Kleijn E van der, Hekster YA, Vree TB. Keuzecriteria voor benzodiazepinen. Tijdschrift voor Geneesmiddel Onderzoek, *Journal of Drug Research TGO/JDR* 1981; 6: 1075-1080.
- 144 Vree TB, Hekster YA, Kleijn E van der. Farmacokinetische criteria voor de keuze van een benzodiazepine derivaat. Tijdschrift voor Geneesmiddel Onderzoek, *Journal of Drug Research TGO/JDR* 1981; 6: 1085-1096.
- 145 Hoes MJAJM, Vree TB, Guelen PJM. Circadian rhythm in plasma concentrations of gammahydroxybutyric acid in alcoholics. *The International Journal of the Addictions* 1981; 16: 1071-1075.
- 146 Vree TB, Baars AM, Booij LHDJ, Driessen JJ. Simultaneous determinations and pharmacokinetics of Midazolam and its Hydroxymetabolites in plasma and urine of man and dog by means of high performance liquid chromatography. *Arzneimittelforschung* 1981; 31: 2215-2220.
- 149 Booij LHDJ, Vree TB, Crul JF. ORG-NC45: A new steroidal non depolarizing muscle relaxant. *Pharmaceutisch Weekblad Scientific Edition* 1981; 4: 1-4.
- 151 Hoes MJAJM, Loeffen T, Vree TB. Kinetics of L-tryptophan in depressive patients. A

possible correlation between the plasma concentrations of L-tryptophan and some psychiatric rating scales. *Psychopharmacology* 1981; 75: 350-353.

- 152 Hekster YA, Goris RJA, Boerema JBJ, Friesen WT, Zuidgeest LJB, Kleijn E van der, Vree TB. Record linked drug utilization data in hospitals. In: *Drug Utilization studies in Hospitals*. Eds. M Hollmann, E Weber. FK Schattauer Verlag, Stuttgart, 13-22, 1981.
- 153 Crul JF, Krieg N, Booij LHDJ, Vree TB. Development of new steroid relaxants. *Proceedings 7<sup>th</sup> World congress of Anaesthesiologists Hamburg 1980*, congress series 538, pp 138-202, 1981.

## 1982

- 142 Hekster YA, Vree TB. Clinical pharmacokinetics of sulphonamides and their N<sub>4</sub>-acetyl derivatives. *Antibiotics and Chemotherapy* 1982; 31: 22-118.
- 147 Driessen JJ, Booij LHDJ, Vree TB, Crul JF. Midazolam as a sedative on regional anesthesia/preliminary results. *Arzneimittelforschung* 1981; 31: 2245-2247 (feb.1982).
- 148 Vree TB, Hekster YA, Kleijn E van der. Significance of apparent half lives of a metabolite with a higher elimination rate than its parent drug. *Drug Intelligence and Clinical Pharmacy* 1982; 16: 126-132.
- 150 Vree TB, Hekster YA, Baakman M, Baars AM, Damsma JE, Janssen T, Oosterbaan M, Reekers-Ketting JJ, Termond E, Tjihuis M. Farmacokinetische criteria voor de keuze van een sulfonamide. *Tijdschrift voor Geneesmiddel Onderzoek, Journal of Drug Research TGO/JDR* 1982; 7: 1219-1227.
- 154 Vree TB, Hekster YA, Kleijn E van der. Clinical Pharmacokinetic criteria for drug selection. In: *Progress in Clinical Pharmacy IV*. Ed. G Ostino, N Martini & E van der Kleijn. Elsevier Biomedical Press, 1982, pag.71-88.
- 155 Vree TB, Hekster YA, Baakman M, Baars AM, Janssen T, Oosterbaan M, Termond E, Tjihuis M. Rate constants of acetylation and deacetylation of some sulfonamide derivatives. In: *Current Chemotherapy and Immunotherapy*. Eds. P Periti and GG Grassi, The American Society for Microbiology, Washington DC, USA. 140-142, 1982.
- 156 Oosterbaan MMJ, Dirks RMJ, Vree TB, Kleijn E van der. Pharmacokinetics of adriamycin and some of its metabolites. In: *Current Chemotherapy and Immunotherapy*. Eds. P Periti and GG Grassi, The American Society for Microbiology, Washington DC, USA, 1445-1447, 1982.
- 157 Kleijn E van der, Vree TB, Hoes MJAJM. Clinical pharmacokinetics of drugs in the treatment of anxiety and impaired sleep. In: *On the Origin, Prevalence and treatment of Anxiety*. Eds. J Bruinvels and L Pepplinkhuizen. Mefar, Drachten, 105-119, 1982.
- 158 Vree TB, Hekster YA, Kleijn E van der, Dalen R van. Geneesmiddelen bij patiënten met een gestoorde nierfunctie. Enkele consequenties voor de keuze, de dosering en het

- doseringsinterval. Tijdschrift voor Geneesmiddel Onderzoek TGO 1982; 7: 1367-1371.
- 159 Oosterbaan MMJ, DirksMJM, Vree TB, Kleijn E van der, Simonetti GS, McVie JG. Klinische farmacokinetiek van adriamycine. Tijdschrift voor Geneesmiddel Onderzoek TGO 1982; 7: 1372-1378.
- 160 Wuis EW, Grutters ACLM, Vree TB, Kleijn E van der. Simultaneous determination of dantrolene and its metabolites 5-hydroxydantrolene and nitro-reduced acetylated dantrolene (F490) in plasma and urine of man and dog by high performance liquid chromatography. *Journal of Chromatography, Biomedical Applications* 1982; 231: 401-409.
- 161 Hekster YA, Vree TB, Goris RJA, Boerema JBJ. The defined daily dose per 100 beddays as a unit of comparison and a parameter for studying antimicrobial drug use in a university hospital. *Journal of Clinical and Hospital Pharmacy* 1982; 7: 251-260.
- 166 Vree TB, Hekster YA, Oosterbaan MJM, Termond EFS. The relationship between the measured plasma concentration and the applied pharmacokinetic model describing the fate of a drug in the body. *Pharmaceutisch Weekblad Scientific Edition* 1982; 4: 202-208.
- 174 Kleijn E van der, Vree TB, Termond E, Janssen W. Computer assisted therapeutic monitoring and epidemiological drug utilization studies via an international timesharing network. In: *Communication Networks in Health Care*. HE Peterson and AJ Isaksson (eds). North-Holland Pub. Comp. 233-245, 1982.
- 175 Booi LHDJ, Vree TB, Pol J van der, Crul JF. Pharmacokinetics of vecuronium and pancuronium in cats with and without ligated renal pedicles. *Acta Anesthesiologica Belgica* 1982; 33: 157-165.
- 176

### **1983**

- 162 Nouws JFM, Vree TB, Tjihuis M, Baakman M. The acetylation-deacetylation equilibrium of sulfadimidine in ruminant calves. *The Veterinary Quarterly* 1983; 5: 41-48.
- 163 Kalmthout PM van, Vree TB, Thien Th. Therapietrouw en kaliumgehalte in het plasma bij patiënten behandeld met chloorthalidon. *Nederlands Tijdschrift voor Geneeskunde* 1983; 127: 192-195.
- 164 Walenkamp GHIM, Vree TB, Guelen PJM, Jongman-Nix B.  $\beta_2$ -Microglobuline. De renale uitscheidingsnelheid van  $\beta_2$ -microglobuline als een maat voor de inwerking van gentamicine op de niertubulus bij proefpersonen. *Tijdschrift voor GeneesmiddelOnderzoek TGO* 1983; 8: 1593-1600.
- 165 Vree TB, Kleijn E van der, Gusdorf ChF, Zum Vörde Sive Vording JGM. Biologische beschikbaarheid van twee furosemidepreparaten. *Pharmaceutisch Weekblad* 1983; 118: 121-123.



- 167 Kleijn E van der, Baars AM, Vree TB, Dries A van der. Clinical pharmacokinetics of drugs used in the treatment of status epilepticus. In: *Advances in Neurology*, vol.34: Status Epilepticus, Eds. AV Delgado, Escuota, CG Waterlain, DM Treiman and RJ Porter. Raven Press, New York, 421-440, 1983.
- 168 Vree TB, Hekster YA, Oosterbaan MJM, Wuis EW. De gedragingen van ethanol en andere alcoholen in het lichaam van de mens. *Tijdschrift voor Alcohol, Drugs en andere Psychotrope Stoffen* 1983; 9: 38-46.
- 169 Walenkamp GHIM, Vree TB, Guelen PJM, Jongman-Nix B.  $\beta_2$ -Microglobuline. II De invloed van een operatie en van een behandeling met gentamicinekrallen op de renale excretie van  $\beta_2$ -microglobulin. *Tijdschrift voor Geneesmiddel Onderzoek TGO* 1983; 8: 1656-1667.
- 170 Kleijn E van der, Schobben F, Termond E, Janssen W, Vree TB. Clinical pharmacokinetics and therapeutic application of antiepileptic drugs. In: *Epilepsy*. Eds. AA Ward, JK Penry and D Purpura. Raven Press, New York, 143-169, 1983.
- 171 Vree TB, Tjihuis MW, Baakman M, Hekster YA. Analysis of  $N_4$ -trideuteroacetyl-sulphamerazine and its metabolites sulphamerazine and  $N_4$ -acetylsulphamerazine in man by means of highperformance liquid chromatography and mass spectrometry. *Biomedical Mass Spectrometry* 1983; 10: 114-119.
- 172 Vree TB, Hekster YA, Dalen R van. Some consequences of drug choice and dosage regimen for patients with impaired kidney function. *Drug Intelligence and Clinical Pharmacy* 1983; 17: 267-273.
- 173 Janssen TJ, Wijnands WJA, Vree TB, Dries ACP van de, Hekster YA, Campschreur ThJM, Termond EFS. Kinetiek en behandeling van drie overdoseringen met carbamazepine (Tegretol). *Tijdschrift voor Geneesmiddel Onderzoek TGO* 1983; 8: 1707-1717.
- 176 Walenkamp GHIM, Vree TB, Guelen PJM, Jongman-Nix B. Interaction between the renal excretion and rates of  $\beta_2$ -microglobulin and gentamicin in man. *Clinica Chimica Acta* 1983; 127: 229-238.
- 177 Walenkamp GHIM, Vree TB, Guelen PJM, Jongman-Nix B. The effect of surgery on the renal excretion of  $\beta_2$ -microglobulin. *Clinica Chimica Acta* 1983; 129: 27-37.
- 178 Vree TB, Reekers-Ketting JJ, Nouws JFM, Arts ThHM. Placental transfer and renal clearance of sulphamethoxazole and its metabolite  $N_4$ -acetylsulphamethoxazole in a pregnant ewe. *Journal of Veterinary Pharmacology and Therapeutics* 1983; 6: 77-82.
- 179 Nouws JFM, Vree TB, Baakman M, Tjihuis M. Effects of age on the acetylation and deacetylation reactions of sulfadimidine and  $N_4$ -acetylsulfadimidine in calves. *Journal of Veterinary Pharmacology and Therapeutics* 1983; 6: 13-22.
- 180 Vree TB, Reekers-Ketting JJ, Hekster YA, Nouws JFM. Acetylation and deacetylation of

- sulfonamides in dogs. *Journal of Veterinary Pharmacology and Therapeutics* 1983; 6: 153-156.
- 181 Vree TB, Walenkamp GHIM, Guelen PJM, Jongman-Nix B. The renal excretion rate of  $\beta_2$ -microglobulin as a possible parameter for gentamicin induced nephrotoxicity. In: *Proceedings 13<sup>th</sup> Int. Congress of Chemotherapy. Proceedings part 43: Local treatment of bone and soft tissue infections using antibiotic releasing carriers.* Eds. H Kayser, L Lindberg, V Vecsei, S Weller. pages 12-15, 1983.
- 182 Vree TB, Walenkamp GHIM, Guelen PJM, Jongman-Nix B. The effect of surgical trauma on the renal excretion of  $\beta_2$ -microglobulin. In: *Part 43 proceedings 13<sup>th</sup> Int. Congress of Chemotherapy* p. 16-20, 1983.
- 183 Walenkamp GHIM, Vree TB, Guelen PJM, Jongman-Nix B. Pharmacokinetic and nephrotoxicologic study to the use of gentamicinbeads. In: *Part 43 proceedings 13<sup>th</sup> Int. congress of Chemotherapy*, p 20-24, 1983.
- 184 Vree TB, Zweens J, Huige PJC, Guelen PJM, Jongman-Nix B. Interaction between the renal excretion rates of  $\beta_2$ -microglobulin and tobramycin in man. In: *Supplement of the proceedings 13<sup>th</sup> Int. Congress of Chemotherapy.* Ed. KH Spitzzy, K Karrer. p 91-100, 1983.
- 185 Vree TB, Hekster YA, Baakman M, Janssen T, Oosterbaan M, Termond E, Tjihuis M. Pharmacokinetics, acetylation-deacetylation, renal clearance, and protein binding of sulphamerazine, N<sub>4</sub>-acetylsulphamerazine and N<sub>4</sub>-trideuteroacetylsulphamerazine in 'fast' and 'slow' acetylators. *Biopharmaceutics and Drug Disposition* 1983; 4: 271-291.
- 186 Vree TB, Vree JB. Acetylation of sulphamethoxazole by fresh water turtles *Pseudemys scripta elegans*. *Journal of Veterinary Pharmacology and Therapeutics* 1983; 6: 237-240.
- 187 Vree TB, Hekster YA, Tjihuis MW, Baakman M, Janssen TJ, Termond EFS. The effect of the molecular structure and renal clearance of closely related N<sub>1</sub>-substituents of sulfonamides on the pathways of elimination in man. *Pharmaceutisch Weekblad Scientific Edition* 1983; 5: 49-56.
- 188 Vree TB, Hekster YA, Oosterbaan MJM, Wuis EW. Enkele kinetische criteria voor de keuze van geneesmiddelen gedemonstreerd met behulp van vier sulfonamide structuuranaloga. *Tijdschrift voor Geneesmiddel Onderzoek TGO* 1983; 8: 1917-1920.
- 190 Hekster YA, Vree TB. De dosering van sulfamethizol. *Pharmaceutisch Weekblad* 1983; 118: 923-925.
- 191 Driessen JJ, Booi LHDJ, Crul JF, Vree TB. Vergleichende Untersuchungen von Thiopental und Midazolam zur Anaesthesieeinleitung. *Anaesthesist* 1983; 32: 478-482.
- 192 Hekster YA, Vree TB. Selectiekriteria voor de keuze van een sulfonamide. *Tijdschrift voor Geneesmiddel Onderzoek TGO* 1983; 8: 2041-2044.

- 193 Nouws JFM, Vree TB. Effect on injection site on the bioavailability of an oxytetracycline formulation in ruminant calves. *The Veterinary Quarterly* 1983; 5: 165-170.
- 194 Kleijn E van der, Vree TB. Clinical pharmacokinetics. Interactive adaptation of dosage schedules in the therapeutic management of patients based on clinical pharmacokinetics. *Zeitblad für Pharmazie*. 1983; 122: 715-717.
- 195 Kleijn E van der, Schobben F, Termond E, Janssen W, Vree TB. Continuous monitoring of plasma antiepileptic drug levels. In: MV Livanainen (Ed.) *Current Therapy in Epilepsy*. *Acta Neurologica Scandinavica* 1983; 68 suppl 97: 91-114.
- 196 Oosterbaan MJM, Lippens RJJ, Winograd B, Vree TB, Kleijn E van der. Central Nervous System (CNS) prophylaxis of acute lymphoblastic leukemia (ALL) with methotrexate (MTX). In: *Progress in Clinical Pharmacy V*: H de Clerc, JW Poston, J Bonal (Eds.) Cambridge University Press, 81-85, 1983.
- 198 Winograd B, Oosterbaan MJM, Boerema JBH, Vree TB, Kleijn E van der. Nephrotoxicity and electrolyte wasting in patients treated with cis-diaminodichloropatinum. *Pharmaceutisch Weekblad* 1983; 5: 138.
- 463 Fragen RJ, Booij LHDJ, Braak GJJ, Vree TB, Heykants JF, Crul JF. Pharmacokinetics of the infusion of alfentanil in man. *British Journal of Anaesthesia* 1983; 55: 1077-1081.

## 1984

- 189 Oosterbaan MJM, Dirks RJM, Vree TB, Kleijn E van der. Pharmacokinetics of anthracyclines in dogs: Evidence for structure related body distribution and reduction to their hydroxy metabolites. *Pharmaceutical Research* 1984; 1: 33-39.
- 197 Nouws JFM, Ziv G, Ginneken CAM, Vree TB. Clinical pharmacokinetics of carbenicillin, carfecillin, ticarcillin, and BLP 1654 in dairy cows. *Journal of Veterinary Pharmacology and Therapeutics* 1984; 7: 35-43.
- 199 Vree TB, Reekers-Ketting JJ, Fragen RJ, Arts ThHM. Placental transfer of midazolam and its metabolite 1-hydroxymethylmidazolam in the pregnant ewe. *Anesthetica and Analgesia* 1984; 63: 31-34.
- 200 Vree TB, Tjihuis MW, Nouws JFM, Hekster YA. Isolation and identification of N<sub>4</sub>-hydroxysulfamerazine and preliminary studies on its pharmacokinetics in dogs. *Pharmaceutisch Weekblad Scientific Edition* 1984; 6: 80-87.
- 201 Vree TB, Zweens K, Huige PJC, Guelen PJM, Jongman-Nix B. Interaction between the renal excretion rates of  $\beta_2$ -microglobulin and tobramycin in man. *Clinica Chimica Acta* 1984; 138: 49-57.
- 202 Vree TB, Janssen TJ. Farmacokinetische keuzekriteria voor anti-depressiva. *Tijdschrift voor Therapie, Geneesmiddel Onderzoek TGO* 1984; 9: 142-152.

- 203 Oosterbaan MJM, Dirks MJM, Vree TB, Kleijn E van der. Rapid quantitative determination of seven anthracyclines and their hydroxymetabolites in body fluids. *Journal of Chromatography* 1984; 306: 323-333.
- 204 Driessen JJ, Vree TB, Booij LHDJ, Pol FM van der, Crul JF. Effect of some benzodiazepines on peripheral neuromuscular function in the rat in vitro hemidiaphragm preparation. *Journal of Pharmacy and Pharmacology* 1984; 36: 244-247.
- 205 Hekster YA, Vree TB, Kleijn E van der. De rol van de ziekenhuisapotheker in de geïntegreerde farmacotherapie. *Pharmaceutisch Weekblad* 1984; 119: 414-418.
- 206 Vree TB. Geneesmiddelenonderzoek van het Laboratorium Klinische Farmacie. *Pharmaceutisch Weekblad* 1984; 119: 503-509.
- 207 Vree TB, Vree JB. Excretion rates of sulfamethoxazole and N<sub>4</sub>-acetylsulfamethoxazole by fresh water turtles *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1984; 6: 169-173.
- 208 Vree TB, Hekster YA, Tjhuis MW, Baakman M, Oosterbaan MJM, Termond EFS. Effects of methoxygroups in the N1-substituent of sulfonamides on the pathways of elimination in man. The acetylation-deacetylation equilibrium and mechanisms of renal excretion of sulfisomidine, sulfamethomidine and sulfadimethoxine. *Pharmaceutisch Weekblad Scientific Edition* 1984; 6: 150-156.
- 209 Wijnands WJA, Herwaarden CLA van, Vree TB. Enoxacin raises plasma theophylline concentrations. *Lancet* 1984; july 14, 108
- 210 Wieringen-van der Laan WIJ van, Hekster YA, Vree TB. Pharmacy technician training and practice in the Netherlands. In: *Progress in Clinical Pharmacy VI. Clinical education and patient education*. Eds. J Bonal and JW Poston. pp 308-311. Cambridge University Press, Cambridge, 1984.
- 211 Vree TB, Vree ML. Acetylation of sulphamethoxazole by the snail *Cepaea hortensis*. *Journal of Veterinary Pharmacology and Therapy* 1984; 7: 239-241.
- 212 Driessen JJ, Vree TB, Egmond JJ van, Booij LHDJ, Crul JF. In vitro interaction of diazepam and oxazepam with pancuronium and suxamethonium. *British Journal of Anesthesiology* 1984; 56: 1131-1138.
- 213 Vree TB, DriessenJJ. Farmacokinetische keuzekriteria van anxiolytica. *Tijdschrift voor Therapie, Geneesmiddel Onderzoek* 1984; TGO 9: 467-478.
- 214 Vree TB, Hekster YA, Oosterbaan MJM, Termond EFS. Some pitfalls in selecting descriptive pharmacokinetic models. *Drug Intelligence and Clinical Pharmacy* 1984; 18: 708-713.

## 1985

- 215 Nouws JFM, Vree TB, Hekster YA. In vitro antimicrobial activity of hydroxy and N<sub>4</sub>-

- acetyl sulfonamide metabolites. *The Veterinary Quarterly* 1985; 7: 70-72.
- 216 Nouws JFM, Driessens F, Smulders A, Vree TB. An improved bioassay for the qualitative detection of sulphonamide and dapsone residues. *The Veterinary Quarterly* 1985; 7: 76-78.
- 217 Vree TB, Hekster YA. De samenwerking tussen lever en nier bij het metabolisme en de uitscheiding van geneesmiddelen. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1985; 10: 532-535.
- 218 Wuis EW, Dirks RJM, Vree TB, Kleijn E van der. High performance liquid chromatography of baclofen in plasma and urine of man after precolumn extraction and derivatization with o-phthaldialdehyde. *Journal of Chromatography, Biomedical Applications* 1985; 337: 341-350.
- 219 Vree TB, Hekster YA, Tjhuis MW. Metabolism of sulfonamides. *Antibiotics and Chemotherapy* 1985; 34: 5-65.
- 220 Vree TB, Hekster YA. Renal excretion of sulfonamides. *Antibiotics and Chemotherapy* 1985; 34: 66-120.
- 221 Vree TB, Hekster YA, Termond EFS. Pharmacokinetics of sulfonamides in man. *Antibiotics and Chemotherapy* 1985; 34: 121-130.
- 222 Vree TB, Hekster YA, Nouws JFM, Dorrestein GM. Pharmacokinetics of sulfonamides in animals. *Antibiotics and Chemotherapy* 1985; 34: 130-170.
- 223 Hekster YA, Vree TB. Criteria for Drug Selection. *Antibiotics and Chemotherapy* 1985; 34: 171-177.
- 224 Vree TB, Hekster YA, Nouws JFM. Is de mens een ideaal proefkonijn? *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1985; 10: 729-730.
- 225 Vree TB, Hekster YA, Lippens RJJ. Clinical pharmacokinetics of sulfonamides in children: Relationship between maturing kidney function and renal clearance of sulfonamides. *Therapeutic Drug Monitoring* 1985; 7: 130-147.
- 226 Nouws JFM, Vree TB, Breukink HJ, Baakman M, Driessens F, Smulders A. Dose dependent disposition of sulphadimidine and of its N<sub>4</sub>-acetyl and hydroxy metabolites in plasma and milk of dairy cows. *The Veterinary Quarterly* 1985; 7: 177-186.
- 227 Termond EFS, Zonnenberg B, Winograd B, Oosterbaan MJM, Kleijn E van der, Vree TB. Comparison of linear and tapered intravenous infusion of methotrexate in oncochemotherapy. A theoretical approach. *Pharmaceutisch Weekblad, Scientific Edition* 1985; 7: 158-163.
- 228 Nouws JFM, Vree TB, Baakman M, Driessens F, Smulders A, Holtkamp J. Disposition of sulfadimidine and its N<sub>4</sub>-acetyl and hydroxy metabolites in horse plasma. *Journal of Veterinary Pharmacology and Therapeutics* 1985; 8: 303-311.

- 229 Crul JF, Vree TB. Neuromuscular blocking agents. In: Quantitation, Modelling and Control in Anaesthesia. Ed. H Stoeckel. Thieme Verlag, Stuttgart, 1985, 219-231.
- 230 Vree TB, Baars AM, Wijnands WJA. High performance liquid chromatography and preliminary pharmacokinetics of Enoxacin and its 4-oxo metabolite in human plasma, urine and saliva. *Journal Chromatography, B* 1985; 343: 449-454.
- 231 Nouws JFM, Breukink HJ, Binkhorst GJ, Lohuis J, van Lith P, Mevius DJ, Vree TB. Comparative pharmacokinetics and bioavailability of eight parenteral oxytetracycline 10% formulations in dairy cows. *The Veterinary Quarterly* 1985; 7: 306-314.
- 232 Nouws JFM, Vree TB, Termond EFS, Lohuis J, van Lith P, Binkhorst GJ, Breukink HJ. Pharmacokinetics and renal clearance of oxytetracycline after intravenous and intramuscular administration to dairy cows. *The Veterinary Quarterly* 1985; 7: 296-305.
- 233 Wijnands WJA, Vree TB, van Herwaarden CLA. Enoxacin decreases the clearance of theophylline in man. *British Journal of Clinical Pharmacology* 1985; 20: 583-588.
- 234 Bakker-Woudenberg IAJM, van den Berg JC, Vree TB, Baars AM, Michel MF. Relevance of serum protein binding of Cefoxitin and Cefazolin to their activities against *Klebsiella Pneumoniae Pneumonia* in rats. *Antimicrobial Agents Chemotherapy* 1985; 28: 654-659.
- 274 Driessen JJ, van Egmond J, Vree TB. The in vitro effects of benzodiazepines on the rat diaphragm. Structure activity relationships. *Canadian Journal of Physiology and Pharmacology* 1985; 63: 444-448.
- 275 Driessen JJ, Vree TB, van Egmond J, Booij LHDJ. Interaction of Midazolam with two nondepolarizing neuromuscular blocking drugs in rat in vitro sciatic nertibialis anterior muscle preparation. *British Journal of Anaesthesiology* 1985; 57: 1089-1095.
- 276 Driessen JJ, Vree TB, van Egmond J, Booij LHDJ, Crul JF. Interaction of some benzodiazepines and their solvents with Vecuronium in the in-vivo Sciatic nerve-tibialis anterior muscle preparation. *Archives Internationales de Pharmacodynamie et de Therapie* 1985; 273: 277-288.

## **1986**

- 235 Guelen PJM, Nijkerk AJ, Vermeer JPM, de Vos D, Vree TB. Bioavailability of two sodium valproate enteric coated preparations. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1986; 11: 13-15.
- 236 Speth PAJ, Vree TB, Janssen TJ, Haanen C. Interactie tussen pimozide and co-trimoxazole. *Tijdschrift voor Geneesmiddel, Therapie en Onderzoek TGO* 1986; 11: 20-21.
- 237 Vree TB, Wijnands WJA, Guelen PJM, Baars AM, Hekster YA. Pharmacokinetics, metabolism and renal excretion of Quinolones in man. *Pharmaceutisch Weekblad Scientific Edition* 1986; 8: 29-35.

- 238 Dirksen MSC, Vree TB. Pharmacokinetics of intravenously administered Ciprofloxacin in intensive care patients with acute renal failure. *Pharmaceutisch Weekblad Scientific Edition* 1986; 8: 35-40.
- 239 Wijnands WJA, Vree TB, van Herwaarden CLA. The effects of the 4-quinolone Enoxacin on plasma theophylline concentrations. *Pharmaceutisch Weekblad Scientific Edition* 1986; 8: 42-46.
- 240 Vree TB, Hekster YA. The role of the clinical pharmacist in the hospital. *Proceedings Int. Seminar on Policies, management and quality assurance of pharmaceuticals*. Eds. T Ahmad, R Khalid. Karachi 1985, Government of Pakistan, Islamabad. pp 82-95, 1986.
- 241 Vree TB. Quality control of drugs in the body. *Proceedings Int. Seminar on Policies, management and quality assurance of pharmaceuticals*. Eds. T Ahmad, R Khalid. Karachi 1985, Government of Pakistan, Islamabad. pp 271-310, 1986.
- 242 Hekster YA, Vree TB, van Ginneken CAM, Termond EFS, Thijssen HHW, Vermeulen NPE. Farmacokinetiek en klinische relevantie van metabolieten van geneesmiddelen. *Pharmaceutisch Weekblad* 1986; 121: 327-330.
- 243 Vree TB, Hekster YA, Cress-Tijhuis MW, Termond EFS, Nouws JFM. Pharmacokinetics, acetylation, hydroxylation and renal excretion of Sulfatroxazole and its 5-hydroxy and N<sub>4</sub>-acetyl metabolites in man. In: *Recent Advances in Chemotherapy*. Ed: Joji Ishigami, University of Tokyo Press pp 736-737, 1986.
- 244 Winograd B, Lippens RJJ, Oosterbaan MJM, Dirks MJM, Vree TB, van der Kleijn E. Renal excretion and pharmacokinetics of Methotrexate and 7-hydroxymethotrexate following a 24 h high dose infusion of Methotrexate in children. *European Journal Clinical Pharmacology* 1986; 30: 231-238.
- 245 Nouws JFM, Vree TB, Baakman M, Driessens F, Breukink HJ, Mevius D. Age and dose dependency in the plasma disposition and the renal clearance of sulfamethazine and its N<sub>4</sub> acetyl and hydroxy metabolites in calves and cows. *American Journal of Veterinary Research* 1986; 205: 171-183.
- 246 Walenkamp GHIM, Vree TB, van Rens TJG. GentamicinPMMA beads: Pharmacokinetic and nephrotoxicological study. *Clinical Orthopaedics and Related Research* 1986; 205: 171-183.
- 247 Wuis EW, DriessenJJ, Evers J, Vree TB, van der Kleijn E. Dantrolene plasma and urine concentrations after oral pretreatment for malignant hyperthermia: report of a case. *European Journal of Anaesthesiology* 1986; 3: 219-223.
- 248 Vree TB, Tijhuis MW, Hekster YA, Nouws JFM. HPLC analysis, antimicrobial activity and pharmacokinetics of Sulfonamides and their N<sub>4</sub>-acetyl and N<sub>1</sub>-hydroxysulfonamide derivatives in man. In: *High Performance Liquid Chromatography in Medical Microbiology*. Eds: DS Reeves, U Ullmann. Gustav Fisher Verlag, Stuttgart, New York.

- pp 165-178, 1986.
- 249 Vree TB, Hekster YA, Tjihuis MW, Termond EFS, Nouws JFM. Pharmacokinetics, Metabolism and renal excretion of Sulfatroxazole and its 5-hydroxy and N<sub>4</sub>-acetyl metabolites in man. *Biopharmaceutics and Drug Disposition* 1986; 7: 239-252.
  - 250 Hekster YA, Vree TB. Relevance of bacterial resistance for clinical and community medicine: Point of view of the pharmacist. *Proceedings of the BRL Kurhaus Workshops on Antibiotics*. Eds. MF Michel, JWM van der Meer. Beecham Farma, pp 79-85, 1986.
  - 251 Nouws JFM, Vree TB, Baakman M, Driessens JFM, Vellenga L, Mevius DJ. Pharmacokinetics, renal clearance, tissue distribution, and residue aspects of sulphadimidine and its N<sub>4</sub>-acetyl metabolite in pigs. *The Veterinary Quarterly* 1986; 8: 123-135.
  - 252 Van Dalen R, Vree TB, Baars AM, Termond EFS, Williams KJ. Pharmacokinetics of Ceftazidime in renal insufficiency and during haemodialysis. In: *Recent Advances in Chemotherapy*. Ed: J Ishigami. University of Tokyo Press. pp 953-954, 1986.
  - 253 Nouws JFM, Vree TB, Aerts R, Grondel J. Pharmacokinetics and residues of Sulfadimidine, its N<sub>4</sub>-acetyl and hydroxy metabolites in food producing animals. *Archiv für Lebensmittelhygiene* 1986; 37: 57-84.
  - 254 Nouws JFM, Vree TB, Holtkamp J, Baakman M, Driessens F, Guelen PJM. Pharmacokinetic, residue and irritation aspects of chloramphenicol sodium succinate and a chloramphenicol base formulation following intramuscular administration to ruminants. *The Veterinary Quarterly* 1986; 8: 224-232.
  - 255 Nouws JFM, Anika SM, van Miert ASJPAM, Vree TB, Baakman M, van Duin CTM. Effect of tick-borne fever on the disposition of Sulphadimidine and its metabolites in plasma of goats. *Research in Veterinary Science* 1986; 40: 377-381.
  - 256 Wijnands WJA, van Griethuysen AJA, Vree TB, van Herwaarden CLA. Enoxacin in lower respiratory tract infections. In: *Recent Advances in Chemotherapy*. Ed. Joji Ishigami. Tokyo University Press pp 2050- 2052, 1986.
  - 257 Vree TB, Janssen TJ, Hekster YA, Termond EFS, van de Dries ACP, Wijnands WJA. Clinical pharmacokinetics of Carbamazepine and its epoxy and hydroxy metabolites in humans after an overdose. *Therapeutic Drug Monitoring* 1986; 8: 297-304.
  - 258 Van Dalen R, Vree TB, Baars AM, Termond EFS. Dosage adjustment for Ceftazidime in patients with impaired kidney function. *European Journal of Clinical Pharmacology* 1986; 30: 597-605.
  - 259 Guelen PJM, Boerema JBJ, Vree TB. Comparative bioavailability and pharmacokinetics of Uridurine 200 mg once daily versus 100 mg three times daily in human volunteers. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1986; 11: 233-237.
  - 260 Scheepstra GL, Vree TB, Crul JF, van de Pol F, Reekers-Ketting JJ. Convulsive effects



- and pharmacokinetics of Laudanosine in the rat. *European Journal of Anaesthesiology* 1986; 3: 371-383.
- 261 Hekster YA, Vree TB. Drug utilization research in clinical practice. *Drug Intelligence and Clinical Pharmacy* 1986; 20: 679-682.
- 262 Termond EFS, Vree TB, Guelen PJM. De bioequivalentie van identieke geneesmiddelen in verschillende farmaceutische formuleringen. I. Statistische evaluatie voor bioequivalentie onderzoek. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1986; 11: 281-285.
- 263 Hekster YA, Vree TB, Wilterdink JB. Themadag diagnostiek, epidemiologie en therapie van virusinfecties. *Pharmaceutisch Weekblad* 1986; 121: 948-952.
- 264 Dirksen MSC, Vree TB, Driessen JJ. Clinical pharmacokinetics of longterm infusion of midazolam in critically ill patients, preliminary results. In: *Midazolam and Ro1788 in ICU*. Eds: I McA Ledingham, W Hetzel. Editions Roche, Basle, Switzerland, pp 22-24, 1986.
- 265 Vree TB, Vree JB, Nouws JFM. Acetylation and hydroxylation of Sulfadimidine by the turtle *Cuora amboniensis*. *Journal of Veterinary Pharmacology and Therapeutics* 1986; 9: 330-332.
- 266 Vree TB, Nouws JFM, Hekster YA. Comparative pharmacokinetic studies of sulphonamides. In: *Comparative Veterinary Pharmacology, Toxicology and Therapy*. Eds: ASJPAM van Miert, MG Bogaert, M Debackere. MTP Press Limited, Lancaster pp 173-185, 1986.
- 267 Nouws JFM, Vree TB, Breukink HJ, van Miert ASJPAM, Grondel JL. Pharmacokinetics, hydroxylation and acetylation of Sulphadimidine in mammals, birds, fish, reptiles and molluscs. In: *Comparative Veterinary Pharmacology, Toxicology and Therapy*. Eds: ASJPAM van Miert, MG Bogaert, M Debackere. MTP Press Limited, Lancaster pp 301-318, 1986.
- 268 Anika SM, Nouws JFM, Vree TB, van Duin CTM, Nieuwenhuys J, van Miert ASJPAM. Tickborne fever: efficacy and effects on pharmacokinetics of some chemotherapeutic agents in the goat. In: *Comparative Veterinary Pharmacology, Toxicology and Therapy*. Eds: ASJPAM van Miert, MG Bogaert, M Debackere. MTP Press Limited, Lancaster pp 415-426, 1986.
- 269 Nouws JFM, Vree TB, Aerts R, Grondel JL. Pharmacokinetics of Sulfadimidine and its N<sub>4</sub>-acetyl and hydroxy metabolites in food producing animals. In: *Agricultural Uses of Antibiotics*. Ed: WA Moats. ACS Symposium series 320. American Chemical Society, Washington DC, pp 168-182, 1986.
- 270 Dirksen MSC, Vree TB, Driessen JJ. Midazolam in the Intensive Care Unit. *Drug Intelligence and Clinical Pharmacy* 1986; 20: 805-806.
- 271 Termond EFS, Vree TB, Guelen PJM. De bioequivalentie van identieke geneesmiddelen in

- verschillende farmaceutische formuleringen. II. De verschillen in bioequivalentie en biologische beschikbaarheid van moederverbinding en metaboliet. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1986; 11: 325-330.
- 272 Vree TB. Het effect van oma's boekweitpannekoek op de urine flow. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1986; 11: 398-400.
- 273 Vree TB, Vree ML, Nouws JFM. Acetylation and hydroxylation of Sulfadimidine in the snail *Cepaea hortensis*. Journal of Veterinary Medicine A 1986; 33: 633-636.
- 277 Hekster YA, Vree TB, Weemaes CMR, Rotteveel JJ. Toxicologic and pharmacokinetic evaluation of a case of vancomycin intoxication during continuous ambulatory peritoneal dialysis. Pharmaceutisch Weekblad Scientific Edition 1986; 8: 293-297.
- 278 Anika SM, Nouws JFM, van Gogh H, Nieuwenhuijs J, Vree TB, van Miert ASJPAM. Chemotherapy and pharmacokinetics of some antimicrobial agents in healthy dwarf goats and those infected with Ehrlichia phagocytophilia (tickborne fever). Research in Veterinary Science 1986; 41: 386-390.
- 279 Mevius DJ, Vellenga LL, Breukink HJ, Nouws JFM, Vree TB, Driessens F. Pharmacokinetics and renal clearance of oxytetracycline in piglets following intravenous and oral administration. The Veterinary Quarterly 1986; 8: 274-284.
- 280 Mevius DJ, Nouws JFM, Breukink HJ, Vree TB, Driessens F, Verkaik T. Comparative pharmacokinetics, bioavailability and renal clearance of five parenteral oxytetracycline 20% formulations in dairy cows. The Veterinary Quarterly 1986; 8: 285-294.
- 281 Wijnands WJA, Vree TB, van Herwaarden CLA. The influence of quinolone derivatives on theophylline clearance. British Journal of Clinical Pharmacology 1986; 22: 677-683.
- 282 Wijnands WJA, van Griethuysen AJA, Vree TB, van Klingerény B, van Herwaarden CLA. Enoxacin in lower respiratory tract infections. Journal of Antimicrobial Chemotherapy 1986; 18: 719-727.
- 311 Dalen R van, Vree TB, Baars AM, Termond EFS, Williams KJ. Farmacokinetiek van Ceftazidime bij nierinsufficiëntie en haemodialyse. Proceedings van het symposium "Nederlandse ervaringen met Ceftazidim (Forum) bij de behandeling van ernstige infecties". Glaxo, Eds. MW Kunst, EH Nauta en PL Jonker. pp 6-8 Amsterdam 1986.
- 312 Vree TB, Hekster YA, Nouws JFM, Baakman M. Pharmacokinetics, metabolism and renal excretion of sulfadimidine and its N<sub>4</sub>-acetyl and hydroxy metabolites in humans. Therapeutic Drug Monitoring 1986; 8: 434-439.
- 316 Wijnands WJA, Vree TB, van Herwaarden CLA. De invloed van chinolonen op de theophylline klaring. Nederlands Tijdschrift voor Geneeskunde 1986; 130: 1676-1677.
- 317 Driessen JJ, Crul JF, Vree TB, van Egmond J, Booij LHDJ. Benzodiazepines and neuromuscular blocking drugs in patients. Acta Anaesthetica Scandinavica 1986; 30: 642-

646.

- 318 Nagekomen van Geert walenkamp Rens Th van, G Walenkamp, G vd Ploeg, T Vree, E Koeweiden. Two or multiple stage operations for infected THR. *Acta Orthopaedica Belgica* 1986, 52 (3), 386.
- 319 Walenkamp GHIM, Vree TB, v.Rens ThJG. Gentamicin-PMMA beads; Pharmacokinetic and Nephrotoxicological study. In: *The year book of orthopedics*. Ed.: Coventry MB.:pg 245-260. Year book med. publishers, Chicago, 1987.

## 1987

- 283 Geertsma MF, Nouws JFM, Grondel JL, Aerts MML, Vree TB, Kan CA. Residues of sulphadimidine and its metabolites in eggs following oral sulphadimidine medication of hens. *The Veterinary Quarterly* 1987; 9: 67-75.
- 284 Vree TB, Vree ML, Nouws JFM. Acetylation and hydroxylation of sulphatroxazole in the snail *Cepaea hortensis* and the slug *Arion rufus*. *The Veterinary Quarterly* 1987; 9: 88-90.
- 285 Hekster YA, Vree TB, Verhoeven JMW, Termond EFS. Farmacokinetische ondersteuning bij het toedienen van antiemetica. In: *Bijwerking van cytostatische behandeling. Pathofysiologie, preventie, therapie*. Eds: J de Koning, J Grijzen and JHA Heltzel. IKZ Tilburg 1987.
- 286 Nouws JFM, van Miert ASJPAM, van Gogh H, Watson ADJ, Vree TB. The effect of tick borne fever on metabolism and renal clearance of sulfadimidine in goats. *Pharmaceutisch Weekblad Scientific Edition* 1987; 9: 91-98.
- 287 Van Dalen R, Vree TB, Baars AM. Influence of protein binding and severity of illness on renal elimination of four cephalosporin drugs in intensive care patients. *Pharmaceutisch Weekblad Scientific Edition* 1987; 9: 98-104.
- 288 Martea M, Hekster YA, Vree TB, Voets AJ, Berden JM. Pharmacokinetics of cefradine, sulfamethoxazole and trimethoprim and their metabolites in a patient with peritonitis undergoing continuous ambulatory peritoneal dialysis. *Pharmaceutisch Weekblad Scientific Edition* 1987; 9: 110-117.
- 289 Vree TB, Martea M, Hekster YA, Termond EFS, van Klaveren R, Lammers JW, Berden JHM. Deterioration of kidney function by high doses of co-trimoxazole in man. *Pharmaceutisch Weekblad Scientific Edition* 1987; 9: 117-125.
- 290 Guelen PJM, Boerema JBJ, Vree TB. Bioavailability of pipemidic acid (Pipram) 800 mg once daily versus 400 mg twice daily in human volunteers. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1987; 12: 71-75.
- 291 Wuis EW, Beneken Kolmer EWJ, van Beijsterveldt LEC, Burgers RCM, Vree TB, van der Kleijn E. Enantioselective high-performance liquid chromatographic determination of baclofen after derivatization with a chiral adduct of ophthaldialdehyde. *Journal of*

- Chromatography, B 1987; 415: 419-422.
- 292 Wijnands WJA, Vree TB, van Herwaarden CLA. Potential theophylline toxicity with enoxacin. *Drug Intelligence Clinical Pharmacy* 1987; 21: 383.
- 293 Vree TB, Vree JB, Hekster YA, Nouws JFM. Acetylation and hydroxylation of sulfatroxazole by the turtle *Pseudemys scripta elegans*. *Journal of Veterinary Medicine A* 1987; 34: 216-219.
- 294 Vree TB. Farmacokinetiek van Vancomycine. In: *Vancocin, de rol van vancomycine bij de behandeling van Staphylococceen infecties*. Eds: TB Vree and YA Hekster. Lilly Publications 14-20, 1987.
- 295 Vree TB, Hekster YA. *Vancocin, De rol van vancomycine bij de behandeling van Staphylococceen infecties*. Verslag van het symposium gehouden op 31-1-86 te Utrecht. Lilly Publications, Utrecht, 1987.
- 296 Vree TB, Vree ML, Nouws JFM. Comparative acetylation and hydroxylation of sulfamethoxazole and sulfatroxazole in the snail *Cepaea hortensis*. *Journal of Veterinary Pharmacology and Therapy* 1987; 10: 172-174.
- 297 Nouws JFM, Firth EC, Vree TB, Baakman M. Pharmacokinetics and renal clearance of sulfamethazine, sulfamerazine and sulfadiazine and their N4-acetyl and hydroxy metabolites in horses. *American Journal of Veterinary Research* 1987; 48: 392-402.
- 298 Baakman M, Nouws JFM, Vree TB. Pharmacokinetics of sulphanilamide and its three acetyl metabolites in dairy cows and calves. *The Veterinary Quarterly* 1987; 9: 143-154.
- 299 Koopman-Kimenai PM, Vree TB, Cress-Tijhuis EW, Booij LHDJ, Drijkoningen GJM. High-performance liquid chromatography and preliminary pharmacokinetics of nicomorphine and its metabolites 3-nicotinoyl and 6-nicotinoylmorphine and morphine. *Journal of Chromatography, Biomedical Applications* 1987; 416: 382-387.
- 300 Vree TB, Hekster YA. Clinical pharmacokinetics of Sulfonamides and their metabolites. *Antibiotics and Chemotherapy* 1987; 37: 1-202.
- 301 Walenkamp GHIM, Vree TB, Guelen PJM, Jongman-Nix B, Huygen PLM. Untersuchung auf Nebenwirkungen von Gentamycin nach Implantation von Gentamycin haltigem PMMA in Form der Kugelketten. In: *Aktuelle Probleme in Chirurgie und Orthopädie*. Band 31 Knochenzement. Eds: HG Willert und G Buchhorn. Verlag Hans Huber, Bern, Stuttgart, Toronto, pp 254-256, 1987.
- 302 Vree TB, Baars AM, de Grood PMRM. High Performance liquid chromatographic determination and preliminary pharmacokinetics of Propofol and its metabolites in human plasma and urine. *Journal of Chromatography, Biomedical Applications* 1987; 417: 458-464.
- 303 Nouws JFM, Vree TB, Aerts MML, Degen M, Driessens F. Some pharmacokinetic data

- about furaltadone and nitrofurazone administered to preruminant calves. *The Veterinary Quarterly* 1987; 9: 458-464.
- 304 Termond EFS, Hekster YA, Wuis EW, Campschreur Th, Vree TB. Geneesmiddeltherapie begeleiding; Evaluatie van een begeleiding in een academisch ziekenhuis. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek* 1987; 12: 172-176.
- 305 Zylicz Z, Wagener DJTh, Fernandez del Moral P, van Rennes H, Wessels JMC, Winograd B, van der Kleijn E, Vree TB, van Haelst U, van den Broek LAGM, Ottenheim HCJ. Pharmacokinetics and toxicology of sparsomycin in beagle dogs. *Cancer Chemotherapy Pharmacology* 1987; 20: 115-124.
- 306 Botterblom MHA, Janssen TJ, Guelen PJM, Vree TB. Rapid and sensitive determination of ambroxol in human plasma and urine by high-performance liquid chromatography. *Journal of Chromatography, B* 1987; 421: 211-215.
- 307 Hekster YA, Stuart CJAM, Leufkens HGM, Wevers FPJ, Zuidgeest LJB, Bakker A, Vree TB. Epidemiologie van het gebruik van analgetica. *Pharmaceutisch Weekblad* 1987; 122: 939-944.
- 308 Vree TB, Vree ML, Nouws JFM. Acetylation, deacetylation and hydroxylation of sulphamethoxazole and N<sub>4</sub>-acetylsulphamethoxazole in the snail *Cepaea hortensis*. *The Veterinary Quarterly* 1987; 9: 378-381.
- 309 Vree TB, Vree JB, Hekster YA, Nouws JFM. Acetylation, deacetylation and hydroxylation of sulphamethoxazole and N<sub>4</sub>-acetylsulphamethoxazole in the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1987; 9: 381-384.
- 310 Dirksen MSC, Vree TB, DriessenJJ. Clinical pharmacokinetics of longterm infusion of midazolam in critically ill patients. Preliminary results. *Anaesthesia and Intensive Care* 1987; 15: 440-444.
- 313 Driessen JJ, Vree TB, van de Pol F, Crul JF. Pharmacokinetics of diazepam and four 3-hydroxybenzodiazepines in the cat. *European Journal of Drug Metabolism and Pharmacokinetics* 1987; 12: 219-224.
- 314 Wijnands WJA, Vree TB, Baars AM, van Herwaarden CLA. The influence of the 4-quinolones ciprofloxacin, pefloxacin, and ofloxacin on the elimination of theophylline. *Pharmaceutisch Weekblad Scientific Edition* 1987; 9: S72-S75.
- 315 Speth PAJ, Vree TB, Neilen NFM, de Mulder PHM, Newell DR, Gore ME, de Pauw BE. Propylene glycol pharmacokinetics and effects after intravenous infusions in humans. *Therapeutic Drug Monitoring* 1987; 9: 255-258.
- 321 Wijnands WJA, Vree TB, Baars AM, van Herwaarden CLA. Steady-state kinetics of the quinolone derivatives ofloxacin, enoxacin, ciprofloxacin and pefloxacin during maintenance treatment with theophylline. *Drugs* 1987; 34 Supplement 1: 159-169.

- 322 Vree TB, Hekster YA, Martea M, Voets AJ, Berden JHM. Pharmacokinetics of cefradine, and co-trimoxazole with its metabolites after oral administration in patients with peritonitis undergoing CAPD. In: Progress in Chemotherapy, Antimicrobial section, Vol. I. Eds: B Berkada, HP Kümmerle. pp 203-205, 1987.
- 323 Janssen TJ, Guelen PJM, Vree TB. Pharmacokinetics of Fleroxacin (Ro 23-6240) after a single oral dose to healthy volunteers. In: Progress in Chemotherapy, Antimicrobial section, Vol. I. Eds: B Berkada, HP Kümmerle, pp. 206-208, 1987.
- 324 Zylicz Z, Wagener DThJ, Garzotto M, Vree TB, van der Kleijn E, Lelieveld P, Ballesta JPG, van den Broek LAGM, Ottenheijm HCJ. Comparison of in vitro and in vivo biological activity of two homologous series of sparsomycin analogues. In: Progress in Chemotherapy, Anticancer section, Vol III. Eds: B Berkada, HP Kümmerle, pp. 297-299, 1987.
- 336 Wijnands WJA, Vree TB, Baars AM, van Herwaarden CLA. Der Einfluss der Chinolonderivate auf die Theophyllin clearance. Fortschritte der antimikrobielle und antineoplastischen Chemotherapie 1987; Band 610: 2089-2096.

## 1988

- 318 Vree TB, Vree JB, Baars AM, Nouws JFM, Hekster YA. Hydroxylation and oxidation of nalidixic acid in the turtle *Pseudemys scripta elegans*. The Veterinary Quarterly 1988; 10: 67-70.
- 319 Janssen TJ, Guelen PJM, Vree TB, Botterblom MHA, Valducci R. Bioavailability of Ambroxol sustained release preparations. Arzneimittel Forschung 1988; 38: 95-97.
- 320 Guelen PJM, Vree TB, de Vos D, Lamers K. Comparative bioavailability and kinetics of Folinic acid in the pharmaceutical formulations of rescuvolin and ledervorin in healthy volunteers. Biopharmaceutics and Drug Disposition 1988; 9: 31-39.
- 325 Wijnands WJA, Vree TB, Baars AM, van Herwaarden CLA. Pharmacokinetics of enoxacin and its penetration into Bronchial secretions and lung tissue. Journal of Antimicrobial Chemotherapy 1988; 21 suppl B: 67-77.
- 326 Vree TB, Baars AM, van Oss GECJM, Booij LHDJ. High performance liquid chromatography and preliminary pharmacokinetics of Articaine and its 2-carboxy metabolite in human serum and urine. Journal of Chromatography, B 1988; 424: 440-444.
- 327 Janknegt R, Nube MJ, van den Hoogenband HM, Oldenhof HGJ, Steenhoek, A, Vree TB. Pharmacokinetics of methotrexate in continuous ambulatory peritoneal dialysis. Pharmaceutisch Weekblad Scientific Edition 1988; 10: 86-89.
- 328 Koopman-Kimenai PM, Vree TB, Cress-Tijhuis MW. High performance liquid chromatography of nicomorphine and its metabolites 6-nicotinoyl morphine, and morphine. British Medical Journal, Proceedings of the Vilan Workshop, Graz 1987, Eds: LHDJ Booij, H Kopera. 23-27, 1988.

- 329 Vree TB, Koopman-Kimenai PM, Termond EFS, Booij LHDJ, Dirksen R, Nijhuis GMM, Drijkoningen GJA. Pharmacokinetics of intravenously administered nicomorphine and its metabolites in man. *British Medical Journal, Proceedings of the Vilan Workshop, Graz 1987*, Eds: LHDJ Booij, H Kopera. 27-33, 1988.
- 330 Vree TB, Koopman-Kimenai PM, Termond EFS, Booij LHDJ, Dirksen R, Nijhuis GMM, Drijkoningen GJA. Pharmacokinetics of intramuscularly administered nicomorphine and its metabolites in man. *British Medical Journal, Proceedings of the Vilan Workshop, Graz 1987*, Eds: LHDJ Booij, H Kopera. 33-39, 1988.
- 331 Vree TB, Koopman-Kimenai PM, Termond EFS, Booij LHDJ, Dirksen R, Nijhuis GMM, Drijkoningen GJA. Pharmacokinetics of nicomorphine and its metabolites in man after rectal administration with a suppository. *British Medical Journal, Proceedings of the Vilan Workshop, Graz 1987*, Eds: LHDJ Booij, H Kopera. 39-42, 1988.
- 332 Vree TB, Hekster YA, Speth PAJ. Nicotine in het interne en externe (en sociale) milieu. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1988*; 13: 93-97.
- 333 Guelen PJM, Janssen TJ, Brueren MM, Vree TB, Lipperts GJH. The pharmacokinetic profile of naproxen suppository in man. *International Journal of Clinical Pharmacology, Therapy, and Toxicology 1988*; 26: 190-193.
- 334 Nouws JFM, Geertsma MF, Grondel JF, Aerts MML, Vree TB, Kan CA. Plasma disposition and renal clearance of sulphadimidine and its metabolites in laying hens. *Research in Veterinary Science 1988*; 44: 202- 207.
- 335 Nouws JFM, Meesen BPW, van Gogh H, Kostanje C, van Miert ASJPAM, Vree TB, Degen M. The effect of testosterone and rutting on the metabolism and pharmacokinetics of sulphadimidine in goats. *Journal of Veterinary Pharmacology and Therapeutics 1988*; 11: 145-154.
- 337 Veringa EJ, Hekster YA, Ariëns EJ, Vree TB, Dammers E. Homeopatische chemie: science of fictie? *Pharmaceutisch Weekblad 1988*; 123: 626-631.
- 338 Vree TB, Riemens L, Koopman-Kimenai PM. High performance liquid chromatography of xanthines. Effects of N-methyl, and C8-hydroxyl substitution on the retention times. *Journal of Chromatography, B 1988*; 428: 311-319.
- 339 Nouws JFM, Mevius DJ, Vree TB, Baars AM, Laurensen J. Pharmacokinetics, renal clearance and metabolism of ciprofloxacin following intravenous and oral administration to calves and pigs. *The Veterinary Quarterly 1988*; 10: 156-164.
- 340 Vree TB, Wijnands WJA, Baars AM, Hekster YA. Pharmacokinetics of nalidixic acid in man: hydroxylation and glucuronidation. *Pharmaceutisch Weekblad Scientific Edition 1988*; 10: 193-199.
- 341 Wijnands WJA, Janssen TJ, Guelen PJM, Vree TB, de Witte TMC. The influence of

- ofloxacin and enoxacin on the metabolic pathways of theophylline in healthy volunteers. A pilot study. *Pharmaceutisch Weekblad Scientific Edition* 1988; 10: 272-277.
- 342 van Oss GECJM, Vree TB, Baars AM, Termond EFS, Booij LHDJ. Clinical effects and pharmacokinetics of articanic acid in one volunteer after intravenous administration. *Pharmaceutisch Weekblad Scientific Edition* 1988; 10: 284-287.
- 343 Vree TB, Vree JB, Baars AM, Hekster YA, Nouws JFM. N-oxidation, N-demethylation and excretion of pefloxacin by the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1988; 10: 277-281.
- 344 Hekster YA, Vree TB, van Goozen I. Ontwikkelingen in de biotechnologie. Verslag van de themadag 'Ontwikkelingen in de Biotechnologie'. Gist-Brocades Farma BV, Rijswijk juli 1988.
- 345 Vree TB, Martea M, Tiggeler RGWL, Hekster YA, Hafkenscheid JCM. Pharmacokinetics of theophylline and its metabolites in a patient undergoing continuous ambulatory peritoneal dialysis. *Clinical Pharmacokinetics* 1988; 15: 390-395.
- 346 Guelen PJM, Boerema JBJ, Vree TB. Comparative human bioavailability study of macrocrystalline nitrofurantoin and two prolonged-action hydroxymethylnitrofurantoin preparations. *Drug Intelligence and Clinical Pharmacy* 1988; 22: 959-964.
- 347 Zylicz Z, Wagener DJTh, Garzotto M, Vree TB, van der Kleijn E, van den Broek LAGM, Ottenheijm HCJ. Preclinical pharmacokinetics of the antitumor antibiotic deshydroxy-Sparsomysine in beagle dogs. *Anticancer Research* 1988; 8: 1381-1386.
- 349 Wijnands WJA, Vree TB, Baars AM, Hafkenscheid JCM, Kohler BEM, van Herwaarden CLA. The penetration of Ofloxacin into lung tissue. *Journal of Antimicrobial Chemotherapy* 1988; 22 suppl C: 85-89.
- 350 Wijnands WJA, Vree TB, Interaction between the fluoroquinolones and the Bronchodilator theophylline. *Journal of Antimicrobial Chemotherapy* 1988; 22 suppl C: 109-114.
- 351 Vree TB. Informatie over Geneesmiddelen. Ranestol, Bevantolol. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1988; 14: 26-30.
- 420 Koeweiden EMJ, Vree TB. In vivo release of Gentamicin from PMMAbeads. Quantitative determination of gentamicin. *Acta Orthopédica Scandinavica* 59 suppl 1988; 227: 110-111.

## **1989**

- 348 Vree TB, Vree JB, Nouws JFM, Hekster YA, Hafkenscheid JCM. Excretion and metabolism of a series of xanthines by the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1989; 11: 58-60.
- 352 Nouws JFM, Watson ADJ, van Miert ASJPAM, Degen M, van Gogh H, Vree TB. Pharmacokinetics and metabolism of sulphadimidine in kids at 12 and 18 weeks of age.



Journal of Veterinary Pharmacology and Therapeutics 1989; 12: 19-24.

- 353 Vree TB, Hekster YA. Metabolisme en uitscheiding van cafeïne en zijn metabolieten theophylline, theobromine en paraxanthine; de samenwerking tussen metabolisme en renale uitscheiding. II. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1989; 14: 56-60.
- 354 Driessen JJ, Vree TB. Pharmacokinetics of benzodiazepines used for ICU sedation. In: Update in Intensive Care and Emergency Medicine. Ed: JL Vincent, Volume 8, update 1989, Springer Verlag, 1989.
- 355 van Oss GECJM, Vree TB, Baars AM, Termond EFS, Booij LHDJ. Pharmacokinetics, metabolism and renal excretion of articaïne and its metabolite articaïnische acid in patients after epidural administration. European Journal of Anaesthesiology 1989; 6: 49-56.
- 356 Vree TB, Wijnands WJA. Quinolone pharmacokinetics. Quinolone International 1989; 1: 1-3.
- 357 Nouws JFM, Mevius D, Vree TB, Degen M. Pharmacokinetics and renal clearance of sulphadimidine, sulphamerazine, and sulphadiazine and their N<sub>4</sub>-acetyl and hydroxy metabolites in pigs. The Veterinary Quarterly 1989; 11: 78-87.
- 358 Vree TB, Vree JB, Beneken Kolmer E, Hekster YA, Nouws JFM, Shimoda M. N-oxidation, O-demethylation and excretion of trimethoprim by the turtle *Pseudemys scripta elegans*. The Veterinary Quarterly 1989; 11: 125-128.
- 359 Vree TB. Pharmacokinetics of the Ideal Drug. Pharmaceutisch Weekblad Scientific Edition 1989; 11: suppl E8.
- 360 Shimoda M, Kokue E, Hayama T, Vree TB. Effect of albumin distribution. A simulation analysis of the effect of altered albumin distribution on the apparent volume of distribution and apparent elimination rate constants. Pharmaceutisch Weekblad Scientific Edition 1989; 11: 87-91.
- 361 Hekster YA, Vree TB. Publikaties vanuit de farmaceutische industrie. Pharmaceutisch Weekblad 1989; 124: 457-458.
- 362 Vree TB, Vree ML, Beneken Kolmer EWJ, Hekster YA, Shimoda M, Nouws JFM, Yoshioka T, Hoji K. O-demethylation and N<sub>4</sub>-acetylation of sulfadimethoxine by the snail *Cepaea hortensis*. Japanese Journal of Veterinary Sciences 1989; 51: 364-368.
- 363 Vree TB, Vree ML, Beneken Kolmer EWJ, Hekster YA, Shimoda M, Nouws JFM, Yoshioka T, Hoji K. O-demethylation and N<sub>4</sub>-acetylation of sulfamonomethoxine by the snail *Cepaea hortensis*. Japanese Journal of Veterinary Sciences 1989; 51: 369-372.
- 364 Vree TB, Vree JB, Beneken Kolmer EWJ, Hekster YA, Shimoda M, Nouws JFM, Yoshioka T, Hoji K. O-demethylation and N<sub>4</sub>-acetylation of sulfadimethoxine by the turtle *Pseudemys scripta elegans*. The Veterinary Quarterly 1989; 11: 138-143.

- 365 Vree TB, Vree JB, Beneken Kolmer EWJ, Hekster YA, Shimoda M, Nouws JFM, Yoshioka T, Hoji K. Oxidation and O-dealkylation of sulfamonomethoxine by the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1989; 11: 186-190.
- 366 Vree TB. De farmacokinetiek van het ideale geneesmiddel. *Ziekenhuisfarmacie* 1989; 5: 68-69.
- 367 Vree TB, Vree ML, Beneken Kolmer EWJ, Ross ME, Hekster YA, Shimoda M, Nouws JFM. O-dealkylation and acetylation of sulfamethomidine by the snail *Cepaea hortensis*. *Journal of Veterinary Pharmacology and Therapeutics* 1989; 12: 344-347.
- 368 Vree TB, Hekster YA. Therapeutische en toxische effecten van metabolieten. *Pharmaceutisch Weekblad* 1989; 124: 733.
- 369 Vree TB, Martea M, Tiggeler RGWL, Hekster YA, Hafkenscheid JCM. Kinetiek van theophylline en zijn metabolieten in een CAPD patient. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1989; 14: 215-219.
- 370 Hekster YA, Vree TB, Tjihuis MW, Termond EFS. The pharmacokinetics of sulfapyridine and its N<sub>4</sub>-acetyl-, and hydroxy metabolites in man. *Journal of Chemotherapy suppl* 1989; 4: 579-599.
- 371 Vree TB. De samenwerking tussen lever en nier bij het metabolisme en de uitscheiding van geneesmiddelen. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1989; 14: 261-264.
- 372 Vree TB, Vree JB, de Jonge PAM, Plaum MJM, Verwey CPWGM, Hekster YA, Shimoda M, Nouws JFM. Lack of oxidative pathways in the metabolism of sulphisomidine by the turtle *Pseudemys scripta elegans*. *Journal of Veterinary Pharmacology and Therapeutics* 1989; 12: 459-462.
- 373 Shimoda M, Kokue E, Itani M, Hayama T, Vree TB. Nonlinear pharmacokinetics of intravenous sulphadimethoxine and its dosage regimen in pigs. *The Veterinary Quarterly* 1989; 11: 242-250.
- 374 van Oss GECJM, Vree TB, Baars AM, Termond EFS, Booi LHDJ. Klinische effecten en farmacokinetiek van een intraveneuze toediening van articaïnezuur in een vrijwilliger. *Nederlands Tijdschrift voor Anesthesiologie* 1988; 1: 21-25.
- 375 Driessen JJ, Dirksen MSC, Rutten JM, Santman F, van Egmond J, Vree TB. Continuous infusion of midazolam during anesthesia and postoperative sedation after maxillofacial surgery. *Acta Anaesthesia Scandinavica* 1989; 33: 116-121.
- 376 Vree TB, Wijnands WJA, Cornel JH, Martea M. Steady state pharmacokinetics of lomefloxacin in healthy volunteers. In: *Proceedings 16<sup>th</sup> ICC: Lomefloxacin 20-21, 1989*.
- 377 Wijnands WJA, Cornel JH, Martea M, Vree TB. Lack of effect of multiple dose oral

- lomefloxacin on theophylline metabolism. In: Proceedings 16<sup>th</sup> ICC, Lomefloxacin, 32-33, 1989.
- 378 Vree TB, Shimoda M, DriessenJJ, Guelen PJM, Janssen TJ, Termond EFS, van Dalen R, Hafkenscheid JCM, Dirksen MSC. Decreased plasma albumin concentration results in increased volume of distribution and decreased elimination of midazolam in intensive care patients. *Clinical Pharmacology and Therapeutics* 1989; 46: 537-545.
- 379 Wijnands WJA, Vree TB, Janssen TJ, Guelen PJM. Drug-drug interactions affecting quinolones. *The American Journal of Medicine* 1989; 87 suppl 6C: 47S-51S.
- 431 Hekster YA, Vree TB. Farmacie voor en na 1992. *Pharmaceutisch Weekblad* 1989; 124: 753.
- 588 Younan W, Nouws JFM, Homeid AM, Vree TB, Degen M. Pharmacokinetics and metabolism of sulphadimidine in the camel. *Journal of Veterinary Pharmacology and Therapeutics* 1989; 12: 327-329.
- 1990**
- 380 Kokue E, Suzuki R, Hayama T, Vree TB. Oral dosage regimen in the nonlinear pharmacokinetics of sulfadimethoxine in pigs. *The Veterinary Quarterly* 1990; 12: 7-14.
- 381 Vree TB, Klimowicz A, Vree JB, Shimoda M. O-dealkylation and acetylation of sulphamethomidine by the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1990; 12: 60-64.
- 382 Vree TB, Hekster YA. Enkele kinetische criteria voor de keuze van de kortwerkende triazolo-benzodiazepines alprazolam, brotizolam, midazolam, en triazolam. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO/JDR* 1990; 15: 27-31.
- 383 Vree TB. Flemoxin Solutab; een versnelde en gecontroleerde afgifte van amoxicilline. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO/JDR* 1990; 15: 33-38.
- 384 Vree TB. Theophylline, werkingsmechanismen en kinetiek. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO/JDR* 1990; 15: 61-65.
- 385 Vree TB, Beneken Kolmer EWJ, Martea M, Bosch R, Shimoda M. High Performance liquid chromatography of sulfadimethoxine and its N<sub>1</sub>-glucuronide, N<sub>4</sub>-acetyl-, and N<sub>4</sub>-acetyl-N<sub>1</sub>-glucuronide metabolites in human plasma and urine. *Journal of Chromatography, B* 1990; 526: 119-128.
- 386 Hekster YA, Vree TB. Het fenomeen meta-analyse. *Pharmaceutisch Weekblad* 125: 401 (1990).
- 387 Wuis EW, Janssen MGA, Vree TB, van der Kleijn E. Determination of a dantrolene metabolite, 5-(p-nitrophenyl)-2-furoic acid, in plasma and urine by high performance liquid chromatography. *Journal of Chromatography, B* 1990; 526: 575-580.

- 388 Vree TB, Steegers-Theunissen RPM, Baars AM, Hekster YA. Direct high performance liquid chromatographic analysis of p-hydroxyphenyl-phenylhydantoin glucuronide, the final metabolite of phenytoin, in human serum and urine. *Journal of Chromatography, B* 1990; 526: 581-589.
- 389 Vree TB. De wordingsgeschiedenis van de anti-conceptiepill. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO/JDR* 1990; 15: 76-79.
- 390 Vree TB, Janssen JACAM, Reinierse JJMM. Estradiol en menopauzale depressie. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO/JDR* 1990; 15: 85-88.
- 391 Vree TB, Beneken Kolmer EWJ, Martea M, Bosch R, Shimoda M. Pharmacokinetics, N<sub>1</sub>-glucuronidation and N<sub>4</sub>-acetylation of sulfadimethoxine in man. *Pharmaceutisch Weekblad Scientific Edition* 1990; 12: 51-60.
- 392 Wuis EW, Dirks MJM, Vree TB, van der Kleijn E. Pharmacokinetics of baclofen in spastic patients receiving multiple oral doses. *Pharmaceutisch Weekblad Scientific Edition* 1990; 12: 71-75.
- 393 Meisters TMH, Hekster YA, Janssen WGHM, Cox A, Kempen RW, Vree TB. Drug utilization profiles in antiasthmatic drug therapy. In: *Progress in Clinical Pharmacy, Rational Use of Drugs*. NF Muller, YA Hekster Eds. European Society of Clinical Pharmacy, Den Haag 1990, 239-240.
- 394 Vree TB. Farmacologie en farmacokinetiek van orale anticonceptiva. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek* 1990; 15: 105-111.
- 395 Vree TB. De behandeling van chronische of seizoensgebonden allergische rhinitis met tixocortol-21-pivalaat. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1990; 15: 127-130.
- 396 Shimoda M, Vree TB, Beneken Kolmer EWJ, Arts ThHM. The role of plasma proteinbinding on the metabolism and renal excretion of sulfadimethoxine and its metabolite N<sub>4</sub>-acetylsulfadimethoxine in pigs. *The Veterinary Quarterly* 1990; 12: 87-98.
- 397 Lansdorp D, Vree TB, Janssen TJ, Guelen PJM. Pharmacokinetics of rectal Diclofenac and its hydroxy metabolites in man. *International Journal of Clinical Pharmacology, Therapy and Toxicology* 1990; 28: 298-302.
- 398 Dirksen R, Lerou J, Lagerwerf AJ, Vree TB, Nijhuis GMM, Booij LHDJ, Jurna I. A small-animal model for pharmacological studies of general anesthetic agents. *European Journal of Anaesthesiology*. 1990; 7: 285-298.
- 399 Lansdorp D, Janssen TJ, Guelen PJM, Vree TB. High-performance liquid chromatographic method for the determination of Diclofenac and its hydroxy metabolites in human plasma and urine. *Journal of Chromatography, B* 1990; 528: 487-494.

- 400 Vree TB, Beneken Kolmer EWJ, Hekster YA, Shimoda M, Ono M, Miura T. Pharmacokinetics, N<sub>1</sub>-glucuronidation, and N<sub>4</sub>-acetylation of sulfa-6-monomethoxine in humans. *Drug Metabolism and Disposition* 1990; 18: 852-858.
- 401 Dirksen R, Lagerwerf AJ, Vree TB, Lerou J, Nijhuis GMM, Booij LHDJ. Plasma concentrations of pentazocine and its reflex suppressive effects in rats kept under urethane anaesthesia. *European Journal of Anaesthesiology* 1990; 7 suppl 3: 41-49.
- 402 Heus GJ de, Barneveld CJR van, Vree TB. Informatie over geneesmiddelen; Eldepryl. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1990; 15: 200-203.
- 403 Guelen PJM, Janssen TJ, Lam MH, Vree TB, Exler PS. Comparative bioavailability of two brands of prazosin containing tablets in healthy volunteers. *Pharmaceutisch Weekblad Scientific Edition* 1990; 12: 184-188.
- 404 Vree TB. Klinische farmacologie van Metoprolol OROS. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1990; 15: 5S-10S.
- 405 Vree TB. Metoprolol OROS, klinische effectiviteit en veiligheid. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1990; 15: 43S-45S.
- 406 Vree TB, Beneken Kolmer EWJ, Hekster YA. High pressure liquid chromatographic analysis and preliminary pharmacokinetics of sulfaphenazole and its N<sub>2</sub>-glucuronide and N<sub>4</sub>-acetyl metabolites in plasma and urine of man. *Pharmaceutisch Weekblad Scientific Edition* 1990; 12: 243-247.
- 407 Vree TB, Hekster YA. Pharmacokinetics and tissue concentrations of Cefuroxime. *Pharmaceutisch Weekblad Scientific Edition* 1990; 12: 262-268.
- 408 Roumen FJME, Bouckaert PXJM, Cremers HMHG, Vree TB. Pharmacokinetics of Cefuroxime in pregnant patients with preterm premature rupture of the membranes. *Pharmaceutisch Weekblad Scientific Edition* 1990; 12: 275-280.
- 409 Vree TB, Baars AM, Wuis EW. De bepaling en kinetiek van de enantiomeren van oxazepam en temazepam met hun glucuronide conjugaten. *Acta Neuropsychiatrica* 1990; 2: 95-100.
- 410 Wuis EW, Vree TB, van der Kleijn E. Pharmacokinetics of intravenously administered Dantrolene and its 5-hydroxy metabolite in dogs. *International Journal of Clinical Pharmacology Research* 1990; 10: 203-211.
- 411 Wijnands WJA, Trooster JFG, Teunissen PC, Cats HA, Vree TB. Ciprofloxacin does not impair the elimination of diazepam in humans. *Drug Metabolism Disposition* 1990; 18: 954-958.
- 412 Vree TB, Martea M, Lewin M. High-performance liquid chromatography of sulfapyridine and its acetyl and glucuronide metabolites in rat and human urine. *Journal of Chromatography, B* 1990; 534: 214-222.

- 413 Wijnands WJA, Cornel JH, Martea M, Vree TB. The effect of multiple -dose oral Lomefloxacin on Theophyllin metabolism in man. *Chest* 1990; 98: 1440-1444.
- 414 Weber EWG, Hasenbos MAWM, Egmond J van, Vree TB. Epidurale toediening van hoge dosis Nicomorfine, vergeleken met normale dosis van Nicomorfine voor per- en postoperatieve pijnbestrijding in de thorax-chirurgie. *Nederlands Tijdschrift voor Anesthesiologie* 1990; 3: 195-199.
- 415 Simon MAM, Gielen MJM, Lagerwerf AJ, Vree TB. Plasma concentrations after high doses of mepivacaine with epinephrine in the combined poas compartment/sciatic nerve block. *Regional Anesthesia* 1990; 15: 256-260.
- 416 Nouws JFM, Vree TB, Degen M, Mevius D. Pharmacokinetics of sulphamethoxazole in calves and cows. *The Veterinary Quarterly* 1990; 13: 10-16.
- 425 van Dalen R, Vree TB. Pharmacokinetics of antibiotics in critically ill patients. *Intensive Care Medicin* 1990; 3: S235-S238.

## 1991

- 417 Vree TB, Vree ML, Beneken Kolmer EWJ, Hekster YA, Shimoda M. N<sub>2</sub>-glucuronidation and N<sub>4</sub>-acetylation of sulfaphenazole by the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1991; 13: 60-64.
- 418 Wijnands WJA, Vree TB. Het klinisch belang van de interactie tussen (fluoro)quinolonen en methylxanthines. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1991; 16: 15-18.
- 419 Vree TB, Baars AM, Wuis EW. Direct high-performance liquid chromatographic analysis and preliminary pharmacokinetics of enantiomers of oxazepam and temazepam with their corresponding glucuronide conjugates. *Pharmaceutisch Weekblad Scientific Edition* 1991; 13: 83-91.
- 421 Vree TB, Beneken Kolmer EWJ, Martea M, Baars AM. The reduction of protein binding of highly bound sulfonamides by N<sub>1</sub>-glucuronidation in man. In: *Plasma binding of drugs and its consequences*. Eds. F Belpaire, M Bogaert, JP Tillement, R Verbeeck. Academia Press Gent, 1991, p 252.
- 422 Koopman-Kimenai PM, Vree TB, Hasenbos MAWM, Weber EWG, Verwey-van Wissen CPWGM, Booi LHDJ. Pharmacokinetics of nicomorphine and its metabolites in man after epidural administration. *Pharmaceutisch Weekblad Scientific Edition* 1991; 13: 142-147.
- 423 Vree TB, Vree ML, Beneken Kolmer EWJ, Hekster YA, Shimoda M, Ono M, Miura T. O-dealkylation and N<sub>4</sub>-acetylation of sulfa-2-monomethoxine by the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1991; 13: 176-180.
- 424 Nouws JFM, Vree TB, Degen M, Mevius D. Pharmacokinetics of a sulpha-

- methoxazole/trimethoprim formulation in pigs after intravenous administration. *The Veterinary Quarterly* 1991; 13: 148-154.
- 426 van der Ven AJAM, Koopmans PP, Vree TB, van der Meer JWM. Adverse reactions to cotrimoxazole in HIV infection. *Lancet* 1991; 338: 431-433.
- 427 Vree TB. De behandeling van de oudere patiënt met chronische Bronchitis of emfyseem met Salbutamol of Ipratropium. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1991; 16: 163-166.
- 428 Hekster YA, Vree TB, Neef C. Geneesmiddelconcentratie meting en therapie begeleiding. *Pharmaceutisch Weekblad* 1991; 126: 949.
- 429 Vree TB. Enteric coated Naproxen. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1991; 16: 181-184.
- 430 Meisters THM, Hekster YA, Janssen WGHM, Cox A, Kempen RW, Vree TB. Medicatiebegeleiding van theophylline met behulp van plasmaconcentratie meting. *Pharmaceutisch Weekblad* 1991; 126: 184-188.
- 432 Verwey-van Wissen CPWGM, Koopman-Kimenai PM, Vree TB. Direct determination of codeine, norcodeine, morphine and normorphine with their corresponding O-glucuronide conjugates by high-performance liquid chromatography with electrochemical detection. *Journal of Chromatography, B* 1991; 570: 309-320.
- 433 Lagerwerf AJ, Vanlinthout LEH, Vree TB. Rapid determination of succinylcholine in human plasma by high-performance liquid chromatography with fluorescence detection. *Journal of Chromatography, B* 1991; 570: 390-395.
- 434 Vree TB, Beneken Kolmer EWJ, Hekster YA. Pharmacokinetics, N<sub>1</sub>-glucuronidation, and N<sub>4</sub>-acetylation of sulfamethomidine in humans. *Pharmaceutisch Weekblad Scientific Edition* 1991; 13: 198-207.
- 435 Koopman-Kimenai PM, Vree TB, Booij LHDJ, Dirksen R, Nijhuis GMM. Pharmacokinetics of intramuscular nicomorphine and its metabolites in man. *European Journal of Clinical Pharmacology* 1991; 41: 375-378.
- 436 Vree TB. Pharmacist-Physician Interaction: A battle of genes. *Drug Intelligence and Clinical Pharmacy* 1991; 25: 1132.
- 437 Vree TB, Vree JB, Beneken Kolmer EWJ, Hekster YA. Novel oxidative pathways of sulphapyridine and sulphadiazine by the turtle *Pseudemys scripta elegans*. *The Veterinary Quarterly* 1991; 13: 218-225.
- 438 Vree TB, Beneken Kolmer EWJ, Peeters A. Comparison of the metabolism of four sulphonamides between humans and pigs. *The Veterinary Quarterly* 1991; 13: 236-240.
- 440 Driessen JJ, Vree TB, Guelen PJM. The effects of acute changes in renal function on the

pharmacokinetics of Midazolam during long-term infusion in ICU patients. *Acta Anaesthesiologica Belgica* 1991; 42: 149-155.

- 530 Badir K, Haj-Yehia A, Vree TB, van der Kleijn E, Bialer M. Pharmacokinetics and anticonvulsant activity of three monoesteric prodrugs of valproic acid. *Pharmaceutical Research* 1991; 8: 750-753.

## 1992

- 439 Ven AJAM van der, Koopmans PP, Vree TB, van der Meer JWM. Frequent bijwerkingen van co-trimoxazol bij met HIV geïnfecteerde personen mogelijk te wijten aan metabolieten van sulfamethoxazol. *Nederlands Tijdschrift voor Geneeskunde* 1992; 136: 61-63.
- 441 Vree TB, Beneken Kolmer EWJ, Hekster YA, Shimoda M, Ono M, Miura T. Pharmacokinetics and acetylation of sulfa-2-monomethoxine in humans. *Biopharmaceutics & Drug Disposition* 1992; 13: 55-68.
- 442 Vree TB, van den Biggelaar-Martea M, Peeters A, Imbimbo BP. High-performance liquid chromatography and preliminary pharmacokinetics of rufloxacin and its metabolites N-desmethylrufloxacin and rufloxacinulfoxide in urine of Rhesus monkey *Macaca Mulatta*. *Journal of Chromatography, B* 1992; 573: 168-172.
- 443 Vree TB. Een farmacokinetische vergelijking tussen de twee serotonineheropname-remmers Fluoxetine en Fluvoxamine. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1992; 17: 7-12.
- 444 Vree TB. De beoordeling van de Autohaler door CARA patiënten. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1992; 17: 40-43.
- 445 Dammers E, Vree TB. Een overzicht van de kinetiek en biologische beschikbaarheid van Nifedipine uit orale farmaceutische vormen. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1992; 17 suppl I: 1-3.
- 446 Mackaay R, Vree TB. Geneesmiddeleninformatie: Cilazapril. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1992; 17: 90-98.
- 447 Vree TB, Beneken Kolmer EWJ. Direct measurement of probenecid and its glucuronide conjugate by means of high pressure liquid chromatography in plasma and urine of humans. *Pharmaceutisch Weekblad Scientific Edition* 1992; 14: 83-87.
- 448 Rossum JM van, Bie JEGM de, Vree TB. Pharmacokinetic approaches on drug testing. In: Segura J, de la Torre R (Eds). *Current Issues of Drug Abuse Testing*. CRC Press, Boca Raton, USA, 1992; 171-181.
- 449 Vree TB, van den Biggelaar-Martea M, Imbimbo BP. High performance liquid chromatography of rufloxacin and its metabolites N-desmethylrufloxacin and rufloxacinulfoxide in plasma and urine of humans. *European Journal of Drug Metabolism and Pharmacokinetics*. 1992; 17: 45-49.



- 450 Houben JJG, Vree TB. Geneesmiddelen Informatie: Ipratropium bromide (Atrovent). Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1992; 17: 126-132.
- 451 Vree TB, Beumer EMC, Lagerwerf AJ, Simon MAM, Gielen MJM. Clinical pharmacokinetics of R(+)- and S(-)-mepivacaine after high doses of racemic mepivacaine with epinephrine in the combined psoas compartment/sciatic nerve block. Anesthesia and Analgesia 1992; 75: 75-80.
- 452 Vree TB, van den Biggelaar-Marteau, Verwey-van Wissen CPWGM. Determination of naproxen and its metabolite O-desmethylnaproxen with their acyl glucuronides in human plasma and urine by means of direct gradient high-performance liquid chromatography. Journal of Chromatography, B 1992; 578: 239-249.
- 453 Vree TB, van Ewijk-Beneken Kolmer EWJ, Nouws JFM. Direct gradient high-performance liquid chromatographic analysis and preliminary pharmacokinetics of flumequine and flumequine acyl glucuronide in humans: effect of probenecid. Journal of Chromatography, B 1992; 579: 131-141.
- 454 Vree TB, Verwey-van Wissen CPWGM. Pharmacokinetics and metabolism of codeine in humans. Biopharmaceutics and Drug Disposition 1992; 13: 445-460.
- 455 Vree TB. Farmacologie van de Bronchusverwijding. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1992; 17 suppl 2: 4-7.
- 456 Vree TB. Klinische effectiviteit van een combinatietherapie bij astma en Bronchitis. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1992; 17 suppl 2: 17-23.
- 457 Houben JJG, Vree TB. Geneesmiddeleninformatie: Berodual. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1992; 17 suppl 2: 43-50.
- 458 Vree TB. De bijdrage van de menselijke nier aan de metabole verwijdering van geneesmiddelen uit het lichaam. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1992; 17: 185-192.
- 459 Houben JJG, Vree TB. Geneesmiddeleninformatie: Berodual. Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO 1992; 17: 197-204.
- 460 Guelen PJM, Janssen TJ, deWitte TCM, Vree TB, Benson K. Bioavailability of lithium from lithium citrate syrup versus conventional lithium carbonate tablets. Biopharmaceutics and Drug Disposition 1992; 13: 503-511.
- 461 Vree TB, van Ewijk-Beneken Kolmer EWJ, Wuis EW, Hekster YA. Capacity-limited renal glucuronidation of probenecid by humans. Pharmaceutisch Weekblad Scientific Edition 1992; 14: 325-331.

- 462 Vree TB, Hekster YA, Anderson PG. Contribution of the human kidney to the metabolic clearance of drugs. *Annals of Pharmacotherapy* 1992; 26: 1421-1428.
- 463 Houben JJG, Vree TB. Geneesmiddelinformatie: Fenoterol. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1992; 17: 277-281.
- 465 Van der Ven A, Koopmans PP, Vree TB, Peters WHM, van der Meer JWM. The putative mechanism of side effects of sulfonamides in HIV positive patients and an option for treatment modification. *AIDS* 1992; 6 suppl 1: S14.
- 483 Hadad S, Vree TB, van der Kleijn E, Bialer M. Pharmacokinetic analysis of ester prodrugs of valproic acid. *Journal of Pharmaceutical Sciences* 1992; 81: 1047-1050.

### 1993

- 466 Hadad S, Vree TB, van der Kleijn E, Bialer M. Pharmacokinetic analysis and anticonvulsant activity of two polymeric prodrugs of valproic acid. *Biopharmaceutics and Drug Disposition* 1993; 14: 51-59.
- 467 de Groot ANJA, Vree TB, Hekster YA, Baars AM, van den Biggelaar-Martea M, van Dongen PWJ. High-performance liquid chromatography of ergometrine and preliminary pharmacokinetics in plasma of men. *Journal of Chromatography, B* 1993; 613: 158-161.
- 468 Koopman-Kimenai PM, Vree TB, Booij LHDJ, Dirksen R, Nijhuis GMM. Pharmacokinetics of intravenously administered nicomorphine and its metabolites in man. *European Journal of Anaesthesiology* 1993; 10: 125-131.
- 469 de Leeuw JW, Roumen FJME, Bouckaert PXJM, Cremers HMHG, Vree TB. Achievement of therapeutic concentrations of cefuroxime in early preterm gestations with premature rupture of the membranes. *Obstetrics & Gynecology* 1993; 81: 255-260.
- 470 Hekster YA, Vree TB. Het belang van de farmaceutische hulpstof propyleenglycol bij de keuze van geneesmiddelen: de combinatie van sulfamethoxazol of sulfametrol met trimethoprim. *Ziekenhuisfarmacie* 1993; 9: 29-33.
- 471 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM, Vree ML, Guelen PJM. The pharmacokinetics of naproxen, its metabolite O-desmethylnaproxen, and their acyl glucuronides in humans. *British Journal Clinical Pharmacology* 1993; 35: 467-472.
- 472 Vree TB, van den Biggelaar-Martea M, van Ewijk-Beneken Kolmer EWJ, Hekster YA. Direct gradient reversed-phase HPLC analysis and preliminary pharmacokinetics of nalidixic acid, 7-hydroxymethylnalidixic acid, 7-carboxynalidixic acid, and their corresponding glucuronide conjugates in humans. *Pharmacy World and Science* 1993; 15: 98-104.
- 473 Vree TB, van den Biggelaar-Martea, Verwey-van Wissen CPWGM. Determination of

- indomethacin, its metabolites and their glucuronides in human plasma and urine by means of direct gradient high-performance liquid chromatographic analysis. *Journal of Chromatography, B* 1993; 616: 271-282.
- 474 Van der Ven LLM, Vree TB. Geneesmiddeleninformatie: Euthyrox. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1993; 18: 163-168.
- 475 Boom SPA, Wouterse AC, Vree TB, van Ginneken CAM, Russel FGM. Renal tubular excretion of the N<sub>4</sub>-acetyl metabolites of sulphasomidine and sulphadimethoxine in the dog. *Journal of Pharmacy and Pharmacology* 1993; 45: 614-617.
- 476 Vree TB, van den Biggelaar-Martea M, van Ewijk-Beneken Kolmer EWJ, Hekster YA. Probenecid inhibits the renal clearance and renal glucuronidation of nalidixic acid. *Pharmacy World & Science* 1993; 15:165-170.
- 477 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM, Vree JB, Guelen PJM. Pharmacokinetics of naproxen, its metabolite O-desmethylnaproxen, and their acyl glucuronides in humans. *Biopharmaceutics and Drug Disposition* 1993; 14: 491-502.
- 478 Vree TB, Van Ewijk-Beneken Kolmer EWJ, Wuis EW, Hekster YA, Broekman MMM. Interindividual variation in the capacity-limited renal glucuronidation of probenecid in humans. *Pharmacy World & Science* 1993; 15: 197-202.
- 479 Hekster YA, Wijsman DJP, Wuis EW, Vree TB, Meinardi H. Individualization of antiepileptic drug therapy. In: *Quantitative Assessment in Epilepsy care*, (Eds) H Meinardi, JA Cramer, GA Baker, A Martins da Silva. Plenum Press, New York, 1993, 109-116.
- 480 Alvarez Ferrero MM, Vree TB, Baars AM, Slooff TJJH. Plasma and bone concentrations of cefuroxime and flucloxacillin. *Acta Orthopaedica Scandinavica* 1993; 64: 525-529.
- 481 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM, Vree ML, Guelen PJM. The effects of cimetidine, ranitidine and famotidine on the single-dose pharmacokinetics of naproxen and its metabolites in humans. *International Journal of Clinical Pharmacology, Therapy and Toxicology* 1993; 31: 597-601.
- 498 Haagsma C, Riel P van, Vree TB, Russel FJM, Rooij DJ, van de Putte L. Combination therapy in RA; pharmacokinetic analysis of the interaction between methotrexate and sulphasalazine. *British Journal of Rheumatology* 1993; 32 suppl 1: S180.
- 499 Haagsma C, Riel P van, Vree TB, Russel FJM, Rooij DJ, van de Putte L. Farmacokinetische analyse van de interactie tussen methotrexaat en sulfasalazine en verband met klinische variabelen van reumatoïde artritis. *Nederlands Tijdschrift voor Geneeskunde* 1993; 138: 333-334.
- 501 Dongen RTM van, Crul BJP, Vree TB, Kimenai PM, Slappendel R. Morphine and morphine-glucuronide concentrations in plasma and CSF during longterm morphine administration in cancer patients. *Proceedings 7<sup>th</sup> World congress on Pain* 532-532, 1993.

## 1994

- 482 Groot ANJA de, Vree TB, Hekster YA, van den Biggelaar-Martea M, van Dongen PWJ, van Roosmalen J. Pharmacokinetics and bioavailability of oral ergometrine in male volunteers. *Biopharmaceutics & Drug Disposition* 1994; 15: 65-73.
- 484 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM, van Ewijk-Beneken Kolmer EWJ. Probenecid inhibits the glucuronidation of indomethacin and O-desmethylin domethacin in humans. A pilot experiment. *Pharmacy World and Science* 1994; 16: 22-27.
- 485 Koopman-Kimenai PM, Vree TB, Booij LHDJ, Dirksen R. Pharmacokinetics of intravenously administered nicomorphine and its metabolites and glucuronide conjugates in surgical patients. *Drug Investigation* 1994; 7: 63-73.
- 486 Vree TB, Vree ML, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM, Nouws JFM. Glucuronidation of naproxen by the turtle *Pseudemys scripta elegans*. *Journal of Veterinary Pharmacology and Therapeutics* 1994; 17: 74-76.
- 487 Vree TB, Hoeben UM, van Ewijk-Beneken Kolmer EWJ, Nouws JFM. Glucuronidation of flumequine by the turtle *Pseudemys scripta elegans*. *Journal of Veterinary Pharmacology and Therapeutics* 1994; 17: 80-82.
- 488 Vree TB, van Kerrebroeck PhEV. Geneesmiddelen en urine (in)continentie. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1994; 19: 8-13.
- 489 Vree TB, Baars AM, Hekster YA. De enterohepatische kringloop van naproxen. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1994; 19: 14-17.
- 490 Vree TB, van Ewijk-Beneken Kolmer EWJ, Verwey-van Wissen CPWGM, Hekster YA. Direct gradient reversed-phase high-performance liquid chromatographic determination of salicylic acid, with the corresponding glycine and glucuronide conjugates in human plasma and urine. *Journal Chromatography, B* 1994; 652: 161-170.
- 491 Vree TB, Verwey-van Wissen CPWGM. Isolatie en zuivering van metaboliëten van geneesmiddelen uit urine van mens en dier. *Ziekenhuisfarmacie* 1994; 10: 12-17.
- 492 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM. Determination of furosemide with its acyl glucuronide in human plasma and urine by means of direct gradient high-performance liquid chromatographic analysis with fluorescence detection. Preliminary pharmacokinetics and effect of probenecid. *Journal of Chromatography, B* 1994; 655: 53-62.
- 493 Sitters CAMC, Hekster YA, Wong Chung R, Vree TB. Kunnen antidepressiva chronische pijn verlichten? *Pharmaceutisch Weekblad* 1994; 129: 655-659.
- 494 Vree TB. Klinische farmacokinetiek van een klassiek pyrazolinon derivaat: metamizol (dipyrone). *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1994; 19(4): 2-11.

- 495 Ven AJAM van der, Koopmans PP, Vree TB, van der Meer JWM. Drug intolerance in HIV disease. *Journal of Antimicrobial Chemotherapy* 1994; 34: 1-5.
- 496 Ven AJAM van der, Mantel MA, Vree TB, Koopmans PP, van der Meer JWM. Formation and elimination of sulphamethoxazolehydroxylamine after oral administration of sulphamethoxazole. *British Journal of Clinical Pharmacology* 1994; 38: 147-150.
- 497 Vree TB, van der ven AJAM, Verwey-van Wissen CPWGM, van Ewijk-Beneken Kolmer EWJ, Swolfs AEM, van Galen PM, Amadajais-Groenen H. Isolation, identification and determination of sulfamethoxazole and its known metabolites in human plasma and urine by high-performance liquid chromatography. *Journal of Chromatography, B* 1994; 658: 327-340.
- 500 Vree TB, van Ewijk-Beneken Kolmer EWJ, Verwey-van Wissen CPWGM, Hekster YA. Effect of urinary pH on the pharmacokinetics of salicylic acid, with its glycine and glucuronide conjugates in human. *International Journal of Clinical Pharmacology and Therapeutics* 1994; 32: 550-558.
- 502 Alvarez Ferrero MM, Vree TB, van Ewijk-Beneken Kolmer EWJ, Slooff TJJH. Relationship between plasma and bone concentrations of cefuroxime and flucloxacillin. *Biopharmaceutics & Drug Disposition* 1994; 15: 599-608.
- 503 van Dongen RTM, Crul BJP, Koopman-Kimenai PM, Vree TB. Morphine and morphine-glucuronide concentrations in plasma and CSF during long-term administration of oral morphine. *British Journal of Clinical Pharmacology* 1994; 38: 271-273.
- 504 Koopman-Kimenai PM, Vree TB, Booij LHDJ, Dirksen R. Rectal administration of nicomorphine in patients improves biological availability of morphine and its glucuronide conjugates. *Pharmacy World & Science* 1994; 16: 248-253.
- 505 Schoondermark- van der Ven E, Galama J, Camps W, Vree TB, Russel FJM, Meuwissen J, Melchers W. Pharmacokinetics of spiramycin in the Rhesus monkey: Transplacental passage and distribution in tissue in the fetus. *Antimicrobial Agents and Chemotherapy* 1994; 38: 1922-1929.
- 506 Groot ANJA de, Vree TB, Hekster YA, van de Biggelaar-Martea M, van Dongen PWJ, van Roosmalen J. Variation in bioavailability of oral methylergometrine in healthy male volunteers. *Drug Investigation* 1994; 8: 345-351.
- 507 Haagsma CJ, van Riel PLCM, de Rooij DJRAM, Vree TB, Russel FJM, van't Hof MA, van de Putte LBA. Combination of methotrexate and sulphasalazine vs methotrexate alone: a randomized open clinical trial in rheumatoid arthritis patients resistant to sulphasalazine therapy. *British Journal of Rheumatology* 1994; 33: 1049-1055.
- 508 Groot ANJA de, Vree TB, Hogerzeil HV. Stability of oral oxytocics in tropical climates. Geneva: World Health Organization/Action programme on Essential Drugs DAP Research Series 1994; 94: no 2.

## 1995

- 509 Vree TB, van der Ven AJAM, Koopmans PP, van Ewijk-Beneken-Kolmer EWJ, Verwey-van Wissen CPWGM. Pharmacokinetics of sulfamethoxazole with its hydroxy metabolites and N<sub>4</sub>-acetyl-, N<sub>1</sub>-glucuronide conjugates in healthy human volunteers. *Clinical Drug Investigation* 1995; 9: 43-53.
- 510 Vree TB, Hekster YA. Klinische farmacokinetiek van digoxine. *Tijdschrift voor Therapie, Geneesmiddel en Onderzoek TGO* 1995; 20: 19-24.
- 511 Koopmans PP, van der Ven AJAM, Vree TB, van der Meer JWM. Pathogenesis of hypersensitivity reactions to drugs in patients with HIV infection: allergic or toxic? *AIDS* 1995; 9: 217-222.
- 512 Groot ANJA de, Vree TB, Hogerzeil HV, Walker GJA. Stability of oral oxytocics in tropical climates. Results of simulation studies on oral ergometrine, oral methylergometrine, buccal oxytocin and buccal desamino-oxytocin. WHO Action Programme on Essential Drugs. World Health Organization, 1211 Geneva 27, Switzerland, DAP Research Series 12: 1-43, 1995.
- 513 Baaijens PF, Gielen MJ, Vree TB, Crul BJ, Jessen HJ. Bupivacaine toxicity secondary to continuous cervical epidural infusion. *Regional Anesthesia* 1995; 20: 163-168.
- 514 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM. Probenecid inhibits the renal clearance of frusemide and its acyl glucuronide. *British Journal of Clinical Pharmacology* 1995; 39: 692-695.
- 515 Ven AJAM van der, Vree TB, van Ewijk-Beneken Kolmer EWJ, Koopmans PP, van der Meer JWM. Urinary recovery and kinetics of sulphamethoxazole and its metabolites in HIV-seropositive patients and healthy volunteers after a single oral dose of sulphamethoxazole. *British Journal of Clinical Pharmacology* 1995; 39: 621-625.
- 516 Groot ANJA de, Vree TB, Hekster YA, Biggelaar-Martea M van den, Dongen PWJ van, Roosmalen J van. Comparison of the bioavailability and pharmacokinetics of oral methylergometrine in men and women. *International Journal of Clinical Pharmacology and Therapeutics* 1995; 33: 328-332.
- 517 Schoondermark-van de Ven, EME, Galama J, Vree TB, Camps, W, Baars AM, Eskes T, Meuwissen J, Melchers W. Study of treatment of congenital *Toxoplasma gondii* infection in rhesus monkeys with pyrimethamine and sulfadiazine. *Antimicrobial Agents Chemotherapy* 1995; 39: 137-144.
- 518 Schoondermark-van de Ven EME, Vree TB, Melchers W, Camps W, Galama J. In vitro effects of sulfadiazine and its metabolites alone and in combination with pyrimethamine on *Toxoplasma gondii*. *Antimicrobial Agents Chemotherapy* 1995; 39: 763-765.
- 519 Groot ANJA de, Hekster YA, Vree TB, Dongen PWJ van. Ergometrine and methylergometrine tablets are not stable under simulated tropical conditions. *Journal of*

- Clinical Pharmacy and Therapeutics 1995; 20: 109-113.
- 520 Groot ANJA de, Hekster YA, Vree TB, Dongen PWJ van. Oxytocin and desamino-oxytocin tablets are not stable under simulated tropical conditions. *Journal of Clinical Pharmacy and Therapeutics* 1995; 20: 115-119.
- 521 Groot ANJA de, Dongen PWJ van, Vree TB, Eskes TKAB. Oral administration of methylergometrine shows a late and unpredictable effect on the non-pregnant human menstruating uterus. *European Journal of Obstetrics and Gynecology and Reproductive Biology* 1995; 60: 101-107.
- 522 Koopman-Kimenai PM, Vree TB, Booij LHDJ, Dirksen R. The bioavailability of intramuscularly administered nicomorphine (Vilan) with its metabolites and their glucuronide conjugates in surgical patients. *International Journal of Clinical Pharmacology and Therapeutics* 1995; 33: 442-448.
- 523 Groot ANJA, Vree TB, Hekster YA, Pesman GJ, Sweep FCGJ, Dongen PJW van, Roosmalen J van. Bioavailability and pharmacokinetics of sublingual oxytocin in male volunteers. *Journal of Pharmacy and Pharmacology* 1995; 47: 571-575.
- 524 Vree TB, Schoondermark-van de Ven E, Verwey-van Wissen CPWGM, Baars AM, Swolfs A, Galen PM van, Amadajais-Groenen H. Isolation, identification and determination of sulfadiazine and its hydroxy metabolites and conjugates from man and Rhesus monkey by high-performance liquid chromatography. *Journal of Chromatography, B* 1995; 670: 111-123.
- 525 Koopman-Kimenai PM, Vree TB, Booij LHDJ, Hasenbos MAWM. Pharmacokinetics of epidurally administered nicomorphine with its metabolites and glucuronide conjugates in patients undergoing pulmonary surgery during combined epidural local anaesthetic block and general anaesthesia. *Biopharmaceutics and Drug Disposition* 1995; 16: 507-520.
- 526 Vree TB. Farmacokinetische keuzecriteria voor antidepressiva. In: *Praktische keuzecriteria voor psychofarmaca*. MJAJM Hoes, SJ Nijdam, YA Hekster (Eds). Van Zuiden Communications, Alphen aan den Rijn, 72-77, 1995.
- 527 Hekster YA, Kalmeijer MD, Vree TB. Incidentie van het gebruik van anxiolytica. In: *Praktische keuzecriteria voor psychofarmaca*. MJAJM Hoes, SJ Nijdam, YA Hekster (Eds). Van Zuiden Communications, Alphen aan den Rijn, 83-88, 1995.
- 528 Vree TB. Farmacokinetische keuzecriteria voor anxiolytica. In: *Praktische keuzecriteria voor psychofarmaca*. MJAJM Hoes, SJ Nijdam, YA Hekster (Eds). Van Zuiden Communications, Alphen aan den Rijn, 111-119, 1995.
- 529 Hekster YA, Vree TB. Het gebruik van slaapmiddelen en criteria voor een keus. In: *Praktische keuzecriteria voor psychofarmaca*. MJAJM Hoes, SJ Nijdam, YA Hekster (Eds). Van Zuiden Communications, Alphen aan den Rijn, 129-134, 1995.
- 530 Badir K, Haj-Yehia A, Vree TB, van der Kleijn E, Bialer M. Pharmacokinetics and

anticonvulsant activity of three monoesteric prodrugs of valproic acid. *Pharmaceutical Research* 1991; 8: 750-753.

- 531 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM. Frusemide and its acyl glucuronide show a short and long phase in elimination kinetics and pharmacodynamic effect in man. *Journal of Pharmacy and Pharmacology* 1995; 47: 964-969.
- 532 Ven AJAM van der, Vree TB, Koopmans PP, van der Meer JWM. Adverse reactions to cotrimoxazole in HIV infection; a reappraisal of the glutathione-hydroxylamine hypothesis. *Journal of Antimicrobial Chemotherapy* 1995; 37, suppl B: 55-60.

## 1996

- 532 Ven AJAM van der, Vree TB, Koopmans PP, van der Meer JWM. Adverse reactions to cotrimoxazole in HIV infection; a reappraisal of the glutathione-hydroxylamine hypothesis. *Journal of Antimicrobial Chemotherapy* 1995; 37, suppl B: 55-60 (15-7-96).
- 533 Jira PE, Semmekrot BA, Vree TB, Monnens LAH. Theophylline-intoxicatie bij kinderen. *Nederlands Tijdschrift voor Geneeskunde* 1996; 140: 1608-1611.
- 534 Ven AJAM van der, Vree TB, Koopmans PP, van der Meer JWM. Geneesmiddelen en HIV-infectie: pas op voor bijwerkingen. *Modern Medicine* 1996; 20, 348-351.
- 535 Haagsma CJ, Russel FGM, Vree TB, van Riel PLCM, van de Putte LBA. Combination of methotrexate and sulphasalazine in patients with rheumatoid arthritis: pharmacokinetic analysis and relationship to clinical response. *British Journal of Clinical Pharmacology* 1996; 42: 195-200.
- 536 Vree TB. Basale farmacokinetiek en -dynamiek bij TIVA met propofol. Abstract Symposium "Target Controlled Infusion". Cambridge 11-12-september 1996.
- 537 Groot ANJA de, Vree TB, Hekster YA, van den Biggelaar-Martea, van Dongen PWJ, van Roosmalen J. Pharmacokinetics and bioavailability of oral methylergometrine and ergometrine in male volunteers. *Journal of Applied Therapeutics* 1996; 1: 53-59.
- 538 Vree TB, van den Biggelaar-Martea M, Verwey-van Wissen CPWGM, van der Ven AJAM. Pharmacokinetics and pharmacodynamics of furosemide and its acyl glucuronide in humans: a quest to determine whether the acyl glucuronide possesses in vivo activity. *Journal of Applied Therapeutics* 1996; 1: 137-144.
- 539 Luijtelaar EL van, Dirksen R, Vree TB, van Haaren F. Effects of acute and chronic cocaine administration on EEG and behaviour in intact and castrated male and intact and ovariectomized female rats. *Brain Research Bulletin* 1996; 40: 43-50.

## 1997

- 540 Vree TB, van Oss GECJM, Gielen MJM, Booij LHDJ. Epidural metabolism of articaine to



- its metabolite articainic acid in five patients after epidural administration of 600 mg Articaine. *Journal of Pharmacy and Pharmacology* 1997; 49: 158-163.
- 541 Simon MAM, Gielen MJM, Alberink N, Vree TB, van Egmond J. Intravenous regional anesthesia with 0.5% articaine, 0.5% lidocaine, or 0.5% prilocaine. *Regional Anesthesia* 1997; 22: 29-34.
- 542 Vree TB, de Groot PM, van Beem HBH, Booij LHDJ. Disposition and renal clearance of propofol and its glucuronide metabolites after a short intravenous infusion of propofol. *Clinical Drug Investigation* 1997; 13: 145-151.
- 543 Vree TB, van der Ven AJAM. Clinical pharmacokinetics of sulphonamides. *Chemotherapie Journal* 1997; 6: 21-27.
- 544 Van der Ven AJAM, Vree TB, Koopmans PP, van der Meer JWM. Metabolites and side effects of trimethoprim-sulfonamide combinations. *Chemotherapie Journal* 1997; 6: 28-30.
- 545 Vree TB. Metaboliet en/of conjugaat: wanneer wat meten? Metabolite and/or conjugate: what must be measured? *Ziekenhuisfarmacie* 1997; 13: 30-33.
- 546 Vree TB, van Dalen R, Geerts Y, van Ewijk-Beneken Kolmer EWJ. Clinical pharmacokinetics of a massive overdose of carbamazepine and acute renal failure. *Clinical Drug Investigation* 1997; 14: 66-75.
- 547 Vree TB, Simon MAM, Gielen MJM, Booij LHDJ. Regional metabolism of articaine in 10 patients undergoing intravenous regional anaesthesia during day case surgery. *British Journal of Clinical Pharmacology* 1997; 44: 29-34.
- 548 Vree TB. Pharmacokinetics as applied to drug and doping research. In: (H Brandenberger, RAA Maes Eds) *Analytical Toxicology for Clinical, Forensic and Pharmaceutical Chemists*. Walter de Gruyter, Berlin, New York, 1997; 73-86. ISBN 3-11-010731-7.
- 549 Vree TB, van Dongen RTM. Pijnstillende werking van codeïne is toe te schrijven aan het gevormde codeïne-6-glucuronide en niet aan dat van morfine. Een hypothese. Codeine analgesia is due to codeine-6-glucuronide instead of morphine; a hypothesis. *Ziekenhuisfarmacie* 1997; 13: 159-163.
- 550 Simon MAM, Vree TB, Gielen MJM, Booij LHDJ. Comparison of the disposition kinetics of lidocaine and  $\pm$ prilocaine in 20 patients undergoing intravenous regional anaesthesia during day case surgery. *Journal of Clinical Pharmacy and Therapeutics* 1997; 22: 141-146.
- 551 Vree TB, Geerts Y, van Dalen R. Disposition kinetics of a severe overdose of Carbamazepine. *Journal of Applied Therapeutics* 1997; 1: 265-270.
- 552 Snoeck MMJ, Gielen MJM, Vree TB, Lagerwerf AJ. Long duration of pain relief after 3-in-1 nerve block in geriatric patients. *International Monitor on Regional Anaesthesia* 1997; 9: 52.

## 1998

- 553 Simon MAM, Gielen MJM, Vree TB, Booij LHDJ. Disposition of lignocaine for intravenous regional anaesthesia during day-case surgery. *European Journal of Anaesthesiology* 1998; 15: 32-37.
- 554 Simon MAM, Vree TB, Gielen MJM, Booij LHDJ. Comparison of the effects and disposition kinetics of articaine and lidocaine in 20 patients undergoing intravenous regional anaesthesia during day case surgery. *Pharmacy World & Science* 1998; 20: 88-92.
- 555 Simon MAM, Vree TB, Gielen MJM, Booij LHDJ, Lagerwerf AJ. Comparison of the disposition kinetics of lidocaine (lignocaine) in patients undergoing intravenous regional anaesthesia versus axillary brachial plexus block during day case surgery. *The South African Journal of Anaesthesiology and Analgesia (SAJAA)* 1998; 4: 20-27.
- 556 Driessen JJ, Robertson EN, Booij LHDJ, Vree TB. Accelerated recovery and disposition from rocuronium in an end-stage renal failure patient on chronic anticonvulsant therapy with sodium valproate and primidone. *British Journal of Anaesthesia* 1998; 80: 386-388.
- 557 Vree TB, Timmer CJ. Enterohepatic cycling and pharmacokinetics of oestradiol in postmenopausal woman. *Journal of Pharmacy and Pharmacology* 1998; 50: 857-864.
- 558 Simon MAM, Vree TB, Gielen MJM, Booij LHDJ, Lagerwerf AJ. Comparison of the effects and disposition kinetics of lidocaine and ( $\pm$ )prilocaine in patients undergoing axillary brachial plexus block during day case surgery. *Clinical Drug Investigation* 1998; 16: 241-250.
- 559 deGroot ANJA, vanDongen PWJ, Vree TB, Hekster YA, vanRoosmalen J. Ergot alkaloids. Current status and review of clinical pharmacology and therapeutic use compared with other oxytocics in obstetrics and gynaecology. *Drugs* 1998; 56: 523-535.
- 560 Booij LHDJ, Vree TB. Clinical pharmacology research, from design to publication and patient care. *Nederlands Tijdschrift voor Anesthesiologie* 1998; 11: 117-123.

## 1999

- 561 Vree TB, Lagerwerf AJ, Bleeker CP, de Grood PMRM. Direct high-performance liquid chromatography determination of propofol and its metabolite quinol with their glucuronide conjugates and preliminary pharmacokinetics in plasma and urine of man. *Journal of Chromatography, B* 1999; 721: 217-228.
- 562 Booij LHDJ, Driessen JJ, Vree TB. Spierrelaxatie voor de kleintjes. *Nederlands Tijdschrift voor Anaesthesiologie* 1999; 12: 21-26.
- 563 Vree TB, VanderVen AJAM. Clinical consequences of the biphasic elimination kinetics for the diuretic effect of furosemide and its acyl glucuronide in humans. *Journal of Pharmacy and Pharmacology* 1999; 51: 239-248.

- 564 Vree TB, Verwey-van Wissen CPWGM, Lagerwerf AJ, Swolfs A, Maes RAA, van Ooijen RD, van Eikema Hommes OR, Jongen PJH. Isolation and identification of the C6-hydroxy and C20-hydroxy metabolites and glucuronide conjugate of methylprednisolone by preparative high-performance liquid chromatography from urine of patients receiving high-dose pulse therapy. *Journal of Chromatography, B* 1999; 726: 157-168.
- 565 Vree TB, Waitzinger J, Hammermaier A, Radhofer-Welte S. Absolute bioavailability, pharmacokinetics, renal and biliary clearance of distigmine after a single oral dose in comparison to i.v. administration of <sup>14</sup>C-distigmine-bromide in healthy volunteers. *International Journal of Clinical Pharmacology and Therapeutics* 1999; 37: 393-403.
- 566 Booij LHDJ, Vree TB, Koppers-Hoyset H, Lagerwerf AJ. Explorative pharmacokinetic study of preoperative administration of morphine 50 mg sustained-release capsules (Kapanol<sup>R</sup>) to surgical patients. *Clinical Drug Investigation* 1999; 18: 125-132.
- 567 Booij LHDJ, Vree TB. De rol van de anesthesioloog bij de beheersing van de luchtweg in de spoedeisende geneeskunde. *Nederlands Tijdschrift voor Anesthesiologie* 1999; 12: 81-85.
- 568 Vree TB, Lagerwerf AJ, Verwey-van Wissen CPWGM, Jongen PJH. High-performance liquid chromatographic analysis, preliminary pharmacokinetics, metabolism and renal excretion of methylprednisolone with its C6 and C20 hydroxy metabolites in multiple sclerosis patients receiving high-dose pulse therapy. *Journal of Chromatography, B* 1999; 732: 337-348.
- 569 Vree TB, Maljers L, vanden Borg N, Nibbering NMM, Verwey-van Wissen CPWGM, Lagerwerf AJ, Maes RAA, Jongen PJH. High-performance liquid-chromatographic atmospheric pressure chemical-ionization ion-trap mass spectrometric identification of isomeric C6-hydroxy and C20-hydroxy metabolites of methylprednisolone in the urine of patients receiving high-dose pulse therapy. *Journal of Pharmacy and Pharmacology* 1999; 51: 1155-1166.
- 570 Simon MAM, Vree TB, Gielen MJM, Booij LHDJ, Lagerwerf AJ. Similar motor block effects with different disposition kinetics between lidocaine and  $\pm$ articaine in patients undergoing axillary brachial plexus block during day case surgery. *International Journal of Pharmacology and Therapeutics* 1999; 37: 598-608.
- 571 Bleeker ChP, Vree TB, de Grood PM, Booij LHDJ. Vanuit welke context gezien is het van belang om de lange halfwaardetijd van propofol en zijn glucuronide metabolieten te kennen? *Nederlands Tijdschrift voor Anesthesiologie* 1999; 12: 116-122.
- 572 Booij LHDJ, Vree TB. Anaesthesia in patients with neuromuscular disease. *The South African Journal of Anaesthesiology and Analgesia*. 1999; 5: 24-32.

## 2000

- 573 Jaspers JJPTG, van Riel PLCM, Vree TB, Knuistingh Neven A. NSAID's bij de

- behandeling van reumatische aandoeningen. *Modern Medicine*, Bijlage februari 2000; 3-28.
- 574 Vree TB, van Dongen RTM, Koopman-Kimenai PM. De pijnstillende werking van codeïne is toe te schrijven aan het gevormde codeïne-6-glucuronide in plaats van aan morfine. *Nederlands Tijdschrift voor Anesthesiologie* 2000; 13: 45-50.
- 575 Vree TB, Bleeker CP, de Grood PM, Booij LHDJ. Propofolitis. *Nederlands Tijdschrift voor Anesthesiologie* 2000; 13: 71.
- 576 Vree TB, Dammers E, Exler PS, Maes RAA. Mono- and biphasic plasma concentration-time curves of mesalazine from a 500mg suppository in healthy male volunteers controlled by the time of defecation before dosing. *Journal of Pharmacy and Pharmacology* 2000; 52: 645-652.
- 577 Olthof MR, Hollman PCH, Vree TB, Katan MB. Bioavailabilities of quercetin-3-glucoside and quercetin-4'-glucoside do not differ in humans. *Journal of Nutrition* 2000; 130: 1200-1203.
- 578 Booij LHDJ, Vree TB. Ethical responsibilities of the anaesthesiologist in patient care. *The South African Journal of Anaesthesiology and Analgesia*. 2000; 6: 24-28.
- 579 Vree TB, Dammers E, Exler PS, Sörgel F, Maes RAA. Saturable active tubular reabsorption in the renal clearance of mesalazine in human volunteers. *Clinical Drug Investigation* 2000; 20: 35-42.
- 580 Vree TB, van Dongen RTM, Koopman-Kimenai PM. Codeïne analgesia is due to codeïne-6-glucuronide, not morphine. *International Journal of Clinical Practice* 2000; 54: 395-398.
- 581 Vree TB, Dammers E, Exler PS, Sörgel F, Bondesen S, Maes RAA. Liver and gut mucosa acetylation of mesalazine in healthy volunteers. *International Journal of Clinical Pharmacology and Therapeutics* 2000; 38: 514-522.
- 582 Booij LHDJ, Vree TB. Skeletal muscle relaxants: pharmacodynamics and pharmacokinetics in different patient groups. *International Journal of Clinical Practice* 2000; 54: 526-534.
- 583 Sheombar A, deGrood PMRM, Harbers JBM, van Egmond J, Vree TB. Preoperative ondansetron enhances postoperative analgesia, reduces morphine consumption, nausea and vomiting. *South African Journal of Anaesthesiology and Analgesia* 2000; 6: 18-22.
- 584 Booij LHDJ, Vree TB, DriessenJJ. De farmacologie van het bijkomen uit anesthesie. *Nederlands Tijdschrift voor Anesthesiologie* 2000; 13: 96-101.

## 2001

- 585 Vree TB, Dammers E, Exler PS, Sörgel F, Bondesen S, Maes RAA. Upper and lower limits in the renal clearance of acetylmescalazine in humans. *Indications for renal*

- acetylation of mesalazine. *Clinical Drug Investigation* 2001; 21: 147-156.
- 586 Vree TB. Metabolisme van prednisolon nog grotendeels onbekend. *De Medische Knipselkrant*, Themanummer over Prednisolon. April 2001, 3.
- 587 Vree TB, Dammers E, Exler PS, Maes RAA. Multiple absorption patterns of mesalazine from two gastroresistant tablets in healthy male volunteers. *Clinical Drug Investigation* 2001; 21: 295-305.
- 588 Younan W, Nouws JFM, Homeid AM, Vree TB, Degen M. Pharmacokinetics and metabolism of sulphadimidine in the camel. *Journal of Veterinary Pharmacology and Therapeutics* 1989; 12: 327-329.
- 589 Arts NJM, Vree TB. Introduction and overview. In: Arts NJM (ed) *Epilepsy through the ages. An anthology of classic writings on epilepsy*. VanZuiden Communications, Alphen aan den Rijn, Netherlands, 2001, i-iii, ISBN 90-76906-17-3.
- 590 Arts NJM, Vree TB. Epilogue on modern epileptology. In: Arts NJM (ed) *Epilepsy through the ages. An anthology of classic writings on epilepsy*. VanZuiden Communications, Alphen aan den Rijn, Netherlands, 2001, 331-334, ISBN 90-76906-17-3.
- 591 Booij LHDJ, Vree TB. De ethische verantwoordelijkheid van de anesthesioloog in de gezondheidszorg. *Nederlands Tijdschrift voor Anesthesiologie* 2001; 14: 59-65.
- 592 Lee Kong P, Vree TB, Booij LHDJ, van Dongen RTM. Vermindert pre-operatief toegediend morfine met gereguleerde afgifte (Kapanol) de post-operatieve pijn op de verkoeverkamer. *Nederlands Tijdschrift voor Anesthesiologie* 2001; 14: 75-79.
- 593 Vree TB, Dammers E, Ulc I, Horkovics-Kovats S, Ryska M, Merckx IJ. Variable plasma/liver and tissue esterase hydrolysis of simvastatin in healthy volunteers after a single oral dose. *Clinical Drug Investigation* 2001; 21: 643-652.
- 2002**
- 594 Vree TB, Dammers E, Ulc I, Horkovics-Kovats S, Ryska M, Merckx IJ. Male-female differences in the plasma/liver and tissue esterase hydrolysis of lovastatin in healthy volunteers after a single oral dose. *Clinical Drug Investigation* 2002; 22: 181-190.
- 595 Simon MAM, Vree TB, Gielen MJM, Booij LHDJ, Lagerwerf AJ. Similar motor block effects and disposition kinetics between lidocaine and ( $\pm$ )mepivacaine in patients undergoing axillary brachial plexus block during day case surgery. *The ScientificWorldJOURNAL* 2002; 2: 1298-1311.
- 596 Vree TB, Dammers E, van Duuren E. Variable absorption of clavulanic acid after an oral dose of 25 mg/kg of Clavubactin and Synulox in healthy cats. *The ScientificWorldJOURNAL* 2002; 2: 1396-1378.
- 597 Booij LHDJ, Vree TB, Burm AGL. Stereo-isomerie in de anesthesiologie. *Nederlands*

Tijdschrift voor Anesthesiologie 2002; 15: 75-84.

- 598 Booij LHDJ, Vree TB. Neuromusculaire overdracht en neurotoxines. Nederlands Tijdschrift voor Anesthesiologie. 2002; 15: 128-140.
- 599 Vree TB, Booij LHDJ, Robertson EN. Severe psychiatric depression due to an overdose of saccharin (E954), inosinic acid (E631) and guanylate (E627). Recent Res. Devel. Nutrition 2002; 5: 205-208.

## 2003

- 600 Vree TB, Dammers E, Exler PS. Identical pattern of highly variable absorption of clavulanic acid from four different oral formulations of co-amoxiclav in healthy subjects. Journal of Antimicrobial Chemotherapy 2002; 51: 373-378.
- 601 Snoeck MMJ, Vree TB, Gielen MJM, Lagerwerf AJ. Steady state bupivacaine plasma concentrations and safety to a femoral "3-in-1" nerve block with bupivacaine in patients over 80 years of age. International Journal of Clinical Pharmacology and Therapeutics 2003; 41: 107-113.
- 602 Vree TB. FTTO manual Depressie. VanZuiden Communications 2000.
- 603 Vree TB, Dammers, van Duuren E. Variable absorption of clavulanic acid after an oral dose of 25 mg/kg of Clavubactin and Synolox in healthy dogs. Journal of Veterinary Pharmacology and Therapeutics 2003; 26: 165-173.
- 604 Vree TB, Dammers E, Ulc I, Horkovics-Kovats S, Ryska M, Merckx IJ. Differences between Lovastatin and Simvastatin hydrolysis in healthy male and female volunteers. Gut hydrolysis of Lovastatin is twice that of Simvastatin. The ScientificWorldJOURNAL 2003; 3:1332-1343.
- 605 Vree TB, Dammers E, Ulc I, Horkovics-Kovats S, Ryska M, Merckx IJ. Lack of Male-female differences in disposition and esterase hydrolysis of ramipril to ramiprilat in healthy volunteers after a single oral dose. The ScientificWorldJOURNAL 2003; 3:1344-1358.

## 2004

- 606 Vree TB, Dammers E, Valducci R. Sex-related differences in the pharmacokinetics of isosorbide-5-mononitrate (60mg) after repeated oral administration of two different prolonged release formulations. International Journal of Clinical Pharmacology and Therapeutics 2004; 42: 463-472.

## 2005

- 607 Vree TB. Mass spectrometric determination of analgesics and anesthetics and their metabolites. In: Gross ML, Caprioli RM and Nibbering NMM Eds. *The Encyclopedia of Mass Spectrometry*, Volume 4 Fundamentals of and applications to organic (and

organometallic) compounds. Elsevier Oxford UK 2005 Page 815-822.

- 608 Kuijsten A, Arts ICW., Vree TB, Hollman PCH. Pharmacokinetics of enterolignans in healthy man and woman consuming a single dose of secoisolariciresinol diglucoside. *Human Nutrition and Metabolism, Journal of Nutrition* 2005; 135: 795-801.
- 609 Vree TB, Gielen MJM. Clinical pharmacology and the use of articaine for local and regional anaesthesia. *Best Practice & Research Clinical Anaesthesiology* 2005; 19 (2) : 293-308.