



Dr. Mohammad Amjad Kamal

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Professor from March 2011 to March 2013, and led a highly productive and collaborative research team. Dr. Kamal's biochemical research has culminated in more than 250 publications in internationally respected journals, and 64 abstracts at international conferences. His research involves ongoing collaborations with numerous international scientific teams and, as an example among many successful projects, was pivotal in supporting the development of novel experimental drugs to treat Alzheimer's disease from conception in the laboratory to the clinic with his longtime collaborator Dr Nigel H. Greig (Chief, Drug Design & Development Section, Translational Gerontology Branch, NIA, NIH, USA).

Dr. Kamal migrated to Australia in 1998 and was awarded a prestigious U2000 Postdoctoral Fellowship in 2000 by the University of Sydney, School of Molecular and Microbial Biosciences. This three years highly competitive award funded his research on the "Inhibition of amido phosphoribosyltransferase by new antifolates: Design and mechanism of action of purine antagonists". Amongst numerous projects, Dr. Kamal also collaborated on the molecular biological research project "Type 2 diabetes and Alzheimer's disease" at the University of Technology, Sydney - the commonalities underpinning these two disorders that impact a huge proportion of the world population remain an area of his current scientific focus.

He established his research group, the "Fundamental and Applied Biology Group" at KFMRC (March 2011 to Nov 2013), whose research aims focuses on advancing the medical scientific research at KFMRC. He was selected as a scientific member to Chair the "Yousef Abdul Latif Jameel Therapeutic Applications in the Prophet's medicine". Moreover, he is serving as external examiner for PhD thesis evaluation of various

universities and as an EiC/regional/editorial member/guest editor of several reputed scientific journals - this is undertaken on an honorable basis, and includes the following:

1. Journal of Medicinal Chemistry
2. Current Drug Metabolism
3. Current Pharmaceutical Design
4. Current Alzheimer Research
5. Neuroscience
6. Current Medicinal Chemistry
7. Current Topics in Medicinal Chemistry
8. CNS & Neurological Disorders-Drug Targets
9. BMC Neuroscience
10. Neural Plasticity
11. Oxidative Medicine and Cellular Longevity
12. Journal of Diabetes Research
13. Protein & Peptide Letters
14. Evidence-Based Complementary and Alternative Medicine
15. Metabolic & Immune Disorders - Drug Targets
16. Medicinal Chemistry
17. Pharmacognosy Magazine
18. Saudi Journal of Biological Sciences
19. Current Psychopharmacology
20. Molecular and Genetic Medicine
21. Journal of Neurological Disorders
22. Enzyme Engineering
23. Recent Patents on Nanomedicine
24. Journal of Advance Health Sciences
25. Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy journal
26. Am. Journal of Neuroprotection and Neuroregeneration
27. Drug Designing
28. Research Journal of Endocrinology and Metabolism
29. Journal of Medical Disorders
30. Journal of Molecular Biology and Techniques
31. The Open Biochemistry Journal
32. Current Aging Science
33. Jacobs Journal of Drug Metabolism and Toxicology
34. International Archives of Endocrinology Clinical Research
35. Journal of Neurology and Psychology
36. Enliven: Journal of Genetics, Molecular and Cellular Biology
37. Enliven: Neurology and Neurotechnology
38. Enliven: Pharmacovigilance and Drug Safety
39. Sydney Journal of Medical Sciences
40. Seminars in Cancer Biology (under consideration)

At present, he is editing two eBooks (<https://sites.google.com/site/globesciencement/>) and has recently led the 'International Enzyme Conference' in China. He delivered lectures across different universities within China (2014-15), whose focus combined education with the development of new collaborations to understand and aid develop interventions for degenerative disorders.

In synopsis, his passion is the medical science and its rapid translation across all communities to mitigate and off set common degenerative disorders. This work has taken him around the world, allowed him to interact across cultures and appreciate the multicultural flavors that, when optimally combined, can move medical sciences forward and support their practical application across borders, customs and nations. This experience has better enabled him to serve as a consul of the "InterNations Sydney Academic Networking" with an Inter-Nations Organization. Recently, he initiated efforts to establish a "Global Community University (GCU)", "Virtual Global Community Educational Organization" (VGCEO) and "Novel Global Community Educational Foundation" (NGCEF) as well.