

Special issue in celebration of Prof. Anthony PF Turner's 65th birthday

Dear Reader,

It is our great pleasure to publish the 6th volume, 6th issue, June 2015 of *Advanced Materials Letters* in celebration of Prof. Anthony P. F. Turner's 65th Birthday. Professor Turner was born in London in the United Kingdom on June 5, 1950. He graduated in Applied Biology from the University of East London and gained a Masters in Biochemistry from the University of Kent. In 1980, he



Professor Anthony PF Turner
PhD, DSc, FRSC, IVA

received his PhD in Microbiology at the University of Portsmouth. He joined Cranfield University in 1981 to help start the UK's first Biotechnology Centre and founded the Biosensors group there, where he led the group that developed the world's most successful type of biosensor, i.e., the hand-held mediated amperometric glucose sensor for people with diabetes.

Professor Anthony (Tony) Turner's name is synonymous with the field of Biosensors. In November 2010, he joined Linköping University, as a Head of Division and Full Professor, to create a new *Centre for Biosensors and Bioelectronics*. His previous thirty-five year academic career in the UK culminated in the positions of Principal of Cranfield University at Silsoe and Distinguished Professor of Biotechnology; he is now an Emeritus Professor at Cranfield. In addition to his academic and management roles, he had overall responsibility for leveraging Cranfield University's IP via spin outs and licensing. He was elected to the Royal Swedish Academy of Engineering Sciences in 2013 and was made a Fellow of the UK Royal Society of Chemistry in 1996. He was invited to a Fellowship of the Institute of Biology in 1999 and the Institute of Physics in 2006. He was awarded a Higher Doctorate (DSc) for his exceptional contribution to biosensors by the University of Kent in 2001 and an Honorary DSc by the University of Bedfordshire in 2008, where he served as a Governor for six years. He was made a Foreign Associate of the USA National Academy of Engineering in 2006, for his work on glucose sensors, environmental monitors and synthetic recognition molecules and is a Visiting Professor at various universities in the UK, Italy, Korea, Japan and China.

Anthony Turner has over 750 publications and patents (>350 refereed journal papers and reviews) in the field of

biosensors and biomimetic sensors and is probably best known for his role in the development of glucose sensors for home-use by people with diabetes. He has an H Index of 67. He has won a number of prestigious scientific awards including the Royal Society of Chemistry (UK) Theophilus Redwood Medal (2011) for Analytical Science, and presented well over 500 keynote and plenary lectures at a range of international meetings and honour ceremonies around the world. He published the first textbook on Biosensors in 1987 and is Editor-In-Chief of the principal journal in his field, *Biosensors & Bioelectronics* (Elsevier), which he co-founded in 1985. He has helped create and been a board member of a number of biosensor start-ups (currently Director of IF Sensing, Manchester, UK), advised numerous leading companies and institutions worldwide and served as an expert witness in ten major patent litigations on three continents. He has also played a leading role in Europe since 1987, by advising the European Parliament, serving as a High Level Expert, helping formulate Framework Programme calls, and leading a number of research networks and RTD programmes. In addition to heading the *Biosensors and Bioelectronics Centre* at Linköping, he continues his personal research on biosensors, nanomaterials and synthetic receptors, with an emphasis on the interface between biomolecules and electronics, mass production of sensing systems and on the practical application of sensing devices and synthetic biosystems.

We look forward to working with Prof. Turner for many years to come and to learn much more from him. "Growing old is mandatory; growing up is optional" - Chili Devis. We wish him Happy Birthday. May Prof. Turner have many, many, many more successful years to come!!

With all best wishes,



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