



**Joint UW and WUT International PhD Programme
“Towards Advanced Functional Materials and Novel Devices”**

oraz

Krajowy Naukowy Ośrodek Wiodący (KNOW) w dziedzinie Chemii (UW-PW)

zapraszają na cykl seminariów:

**Prof. Mark E. Meyerhoff
(University of Michigan at Ann Arbor, USA)**

Modern Whole Blood Analyzers for Critical Care Measurements: The Key Advances in Electrochemical Sensor Technology that Enabled Instrument Development	13.05.2013 (poniedziałek) godz.11:15
Advanced Antithrombotic and Bactericidal Nitric Oxide Releasing Materials/ Devices: Development, Characterization and Biomedical Applications	14.05.2013 (wtorek) godz.12:00
Electrochemical Sensors in Medicine: Meeting Needs for the 21st Century.	15.05.2013 (środa) godz.13:15

**Seminaria odbędą się w Audytorium im. J. Czochralskiego
Wydział Chemiczny PW, Gmach Technologii Chemicznej, ul. Koszykowa 75**



Mark E. Meyerhoff is currently Philip J. Elving Professor of Chemistry of the Department of Chemistry at the University of Michigan, Ann Arbor. He received his Ph.D. from the State University of New York at Buffalo in 1979, working with Professor Garry A. Rechnitz. Following a short post-doctoral stint at the University of Delaware, he joined the faculty at Michigan as an Assistant Professor in the Fall of 1979. He was promoted to associate professor in 1985, and to full professor in 1990.

Professor Meyerhoff's primary research interests are in the field of analytical chemistry, particularly the development of new ion-, gas-, and bio-selective electrochemical/optical sensors suitable for direct measurements of clinically important analytes in physiological samples. He also has a very active research program in the area of biomaterials, especially the development and characterization of novel nitric oxide (NO) releasing/generating polymeric materials for biomedical applications. He and his collaborators have authored more than 330 original research papers on these and other topics over the past 34 years since beginning his independent academic career at Michigan. His research is funded by several grants from the National Institutes of Health.

Professor Meyerhoff received the University of Michigan's Faculty Recognition Award in 1990, was elected as a Fellow by the National Academy of Clinical Biochemistry in 2002, received the ACS-Division of Analytical Chemistry Award in Electrochemistry in 2003, the Society for Electroanalytical Chemistry's Reilly Award in 2006, The University of Michigan' Outstanding Graduate Mentoring Award in 2006, and the University of Michigan's Distinguished Faculty Achievement Award in 2011. He has served or currently serves on the editorial/advisory boards of *Analytical Chemistry*, *Clinical Chemistry*, *Electroanalysis*, *Analytica Chimica Acta*, *Mikrochimica Acta*, and *Biosensors and Bioelectronics*. He is also active as a consultant and/or is on the Scientific Advisory Boards of several biomedical companies including Instrumentation Laboratory, I-SENS, EyeLab, Biocrede, and Selective Technologies, Inc.

