

Alexander Kuhn

Professor, Ecole Nationale Supérieure de Chimie de Biologie et de Physique ENSCBP, University Bordeaux



ALEXANDER KUHN Full Professor, Ecole Nationale Supérieure de Chimie de Biologie et de Physique ENSCBP, University Bordeaux
<http://recherche.enscbp.fr/nsysa>

Career:

- 1985 "Abitur" (Luitpoldgymnasium in Wasserburg, Bavaria)
- 1985/86 Military service in the laboratory of pharmacology and toxicology of the "Sanitätsakademie" in Munich (In vitro study of the effect of mono- and bis quaternary ammonium complexes on inhibited acetylcholinesterase)
- 1986 Start of chemistry studies at the Technical University of Munich
- 1988 "Vordiplom" in chemistry with distinction
- 1989/90 Laboratory of molecular photochemistry at the University of Bordeaux 1 (Prof. J. Joussot-Dubien, Synthesis and characterisation of photoactive stilbene derivatives)
- 1990 Laboratory of inorganic chemistry at the University of Oxford (Prof. D. O'Hare, Synthesis of organometallic charge transfer complexes)
- 1991 "Diplom" in chemistry at the Technical University of Munich (Prof. H.P. Fritz, Measurement of transport numbers in solid electrolytes) (with distinction)
- 1992/94 PhD thesis at the Centre de Recherche Paul Pascal (CNRS) in Bordeaux (Dr. F. Argoul, Interfacial structuration in electrochemical systems) (with distinction)

- 1995/96 Post-doc at the California Institute of Technology (Prof. F.C. Anson, Adsorption of polyoxometalates on different electrodes and their electrocatalysis)
- 1999 Habilitation at the University of Bordeaux 1 (Electrochemistry and molecular recognition)
- 2000 Full Professor position at ENSCBP/Bordeaux
- 1998-2002 Head of the electrochemistry group of the laboratory LACReM/Bordeaux
- 2003-2006 Director of the laboratory LACReM/Bordeaux
- 2007-2010 Head of the group “Analytical Nanosystems” of the Institute of Molecular Science/Bordeaux

Scientific and administrative responsibilities:

International level

- Chair (2011-12), Chair elect (2009-10) and Past Chair (2013-2014) of the Bioelectrochemistry division of the International Society of Electrochemistry
- Treasurer (2012-) and vice treasurer (2008-11) of the Bioelectrochemical Society
- Board member of the Bioelectrochemical Society (2005-)
- Board member of the European section of the Electrochemical Society (2009-11)
- Advisory board of the journal « Analytical & Bioanalytical Chemistry » (2007-10)
- Advisory board of the journal « Bioelectrochemistry » (2005-)
- Advisory board of « The Open Electrochemistry Journal » (2008-)
- Advisory board of the journal « Electroanalysis » (2012-)
- Advisory board of the journal « Electrochimica Acta » (2013-)
- Advisory board of the journal « ChemPhysChem » (2015-)
- Advisory board of the « Center of Nanotechnology », Kasetsart University, Bangkok, Thailand (2009-)

National level

- Board member of the Aquitaine section of the French Chemical Society (2000-04)
- Advisory board of the French agency for evaluation of research and higher education AERES (2007-13)
- Advisory board of the French group of bioelectrochemistry GFB (2010-2014)

Local level

- Scientific advisory board of ENSCPB (2000-09) - Administration council of ENSCPB (2001-09)
- Council of ENSCBP (2009-)
- Scientific council of the chemistry department, Université de Bordeaux 1 (2003-06)
- Council of the Doctoral School of Chemistry, Université de Bordeaux 1 (2003-06)
- Council of the Doctoral School of Live Science, Université de Bordeaux 2 (2007-14)
- Scientific council of the Institute of Molecular Science, Bordeaux (2007-10)
- Scientific Council of the Bordeaux Institute of Technology, (2009-2013)
- Vice-president of the commission of physical chemistry, Université de Bordeaux 1 (2004-08)
- Director of International Relations of ENSCBP (2009-)
- Coordinator of the axis « Bioactive Materials » of the Laboratory of Excellence AMADEus (2011-)
- Scientific Director of the technology transfer unit "BrivaTech" (2014-)
(<http://nsysa.ism.u-bordeaux.fr/brivatech>)

Scientific recognition

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| 1984-91 | Fellow of the "Studienstiftung des deutschen Volkes" |
| 1992-93 | EU fellowship for the PhD thesis |

- 1994 Young scientist award of the French Chemical Society for the PhD thesis
- 1995-96 Fellowship of the Alexander von Humboldt foundation for the post-doc
- 2001 Electrochemistry award of the French Chemical Society
- 2000-2012 Annual bonus for research achievements of the French Ministry of Research (PEDR)
- 2005- Adjunct Professor at Kasetsart University, Bangkok, Thailand
- 2005 Promotion to 1st class Professor
- 2006 Invited visiting Professor, KFKI Research Center Budapest, Hungary
- 2007 Invited visiting Professor, University of Venice, Italy
- 2008 Invited visiting Professor, Harvard University, USA (six months sabbatical)
- 2008 Distinguished Lecturer at the University of Turku, Finland
- 2012 Promotion to exceptional class Professor
- 2012-2015 Scientific excellence bonus (PES) of the French Ministry of Research and Education
- 2013 Nomination as Senior Member of the Institut Universitaire de France (IUF)
- 2013 Distinguished Lecturer, Abo Akademi, Finland
- 2014- Adjunct Professor at the Rayong Advanced Institute of Science and Technology, Thailand