Symposium Programme
15th August 2013

12.00  Registration / Tea & Coffee

13.00  Welcome

13.30  Plenary lecture
Myths and Legends of Molecular Imprinting
Dr. Michael J. Whitcombe, Cranfield University, UK

14.30  Tea / coffee

Contributed lectures

15.00  Nanosphere Lithography as a Versatile Method to Generate Surface Imprinted Polymer Films for Selective Protein Recognition
Julia Bognar, Budapest University of Technology, Hungary

15.20  Preparation and analysis of caffeine imprinted microwave polymers
Heli Brahmbhatt, Open University, UK

15.40  The influence of post polymerisation hydrolysis on the kinetic and equilibrium performance of p(EGMA-co-DVB-co-MAA) propranolol MIPs
Jenna Bowen, Cardiff University, UK

16.00  Smartphone based MIP sensor readout
Jeroen Broeders, Hasselt University, Belgium

16.20  The Development of Synthetic Receptors for the Tailored Molecular Recognition of Barbiturates
Stefania Lettieri, University of Kent, UK

16.40  Why MIPs are better than we thought! A closer look at the rebinding process of synthetic receptors
Stefan Eppler, University of Ulm, Germany

17.00  Poster session and drinks reception

19.00  Close of Day One
16th August 2013

09.00 **Keynote lecture**  
*Lessons from the pre-polymerisation world*  
**Dr. Richard Ansell**, University of Leeds, UK

**Contributed lectures**

09.50 **Molecularly Imprinted Polymers for Corticosteroids: Impact of polymer format on recognition behaviour**  
**Laurence Fitzhenry**, Waterford Institute of Technology, Ireland

10.10 **Synthesis of Novel Polymeric Matrix via Cryogelation of Nanoparticles with Artificial Recognition Sites for L-Glutamic Acid**  
**Ilgim Göktürk**, Hacettepe University, Turkey

10.30 Tea / coffee

11.00 **The potential of molecular imprinted combined with plasmonics as a biosensor: Gold nanostructures combined with molecular imprint for biosensing**  
**J. Rafaela L. Guerreiro**, Biomark Sensor Research, Portugal

11.20 **Exhaustive extraction of basic drugs from human plasma by electro membrane extraction**  
**Chuixiu Huang**, University of Oslo, Norway

11.40 **Towards an efficient biosensor for LPS detection in sepsis**  
**Danielle Huckle**, Cardiff University, UK

12.00 **Enrichment of phosphoproteins using MIP-MALDI arrays**  
**Kishore Kumar Jagadeesan**, Lund University, Sweden

12.20 Lunch

13.30 **Molecularly imprinted nanoparticles for the detection of hormone disruptors**  
**Evelien Kellens**, Hasselt University, Belgium

13.50 **Versatile approaches in molecularly imprinted polymers of nucleosides and nucleic acid metabolites**  
**Aleksandra Krstulja**, University of Orleans, France

14.10 **Development of a cell detection biosensor, based on thermal transport through surface imprinted polyurethane layers**  
**Kasper Eersels**, Hasselt University, Belgium

14.30 **Investigating the use of Molecularly Imprinted Polymer to adsorb Endocrine Disruptors from Water with Reporter Gene Assay analysis**  
**Emma McCartney**, Queen’s University Belfast, UK

14.50 Tea / Coffee
15.30  *Smart Plastic Antibody Material (SPAM) tailored on disposable screen printed electrodes for protein recognition: application to Myoglobin detection*
    **Felismina T.C. Moreira**, Biomark Sensor Research, Portugal

16.00  *Novel strategies for the quantification of endocrine disrupting compounds in the environment using MIPs*
    **Elizabeth Ndunda**, University of Ulm, Germany

16.20  *The in vitro detection of histamine and serotonin with polymer-type immobilization platforms*
    **Marloes Peeters**, Hasselt University, Belgium

16.40  Close of Day Two

19.00  Symposium Dinner – Cutters Wharf

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17th August 2013

09.30  *Development of Molecularly Imprinted Contact Lenses for Ocular Drug Delivery*
    **David Phelan**, Waterford Institute of Technology, Ireland

09.50  *Selective enrichment of phosphoserine and phosphotyrosine peptides by molecularly imprinted polymers*
    **Subedi Prabal**, Ruhr University Bochum, Germany

10.10  *Molecular Imprinted Polymers as new tools in Small Cell Lung Cancer diagnosis*
    **Cecilia Rossetti**, University of Oslo, Norway

10.30  Tea / coffee

11.00  *Synthesis of molecularly imprinted polymer microspheres by precipitation polymerisation*
    **Magdalena Switnicka**, Strathclyde University, UK

11.20  *Detection of prostate cancer biomarkers using molecularly imprinted polymer receptors*
    **Vibha Tamboli**, Cardiff University, UK

11.40  *Molecularly Imprinted nanofiltration membranes under extreme pH conditions*
    **Irina Valtcheva**, Imperial College London, United Kingdom

12.00  Concluding remarks

END OF SYMPOSIUM