

# GOSPEL

## Workshop on the use of Odorant Binding Proteins as sensors

Manchester, 12-13 December 2007



13:30	<b>Opening</b>	Outline of the scope of the workshop
13:45	<b>Paolo Pelosi</b> University of Pisa	Odorant binding proteins – an overview
14:30	<b>Carla Mucignat</b> University of Padova	Mouse Urinary Proteins
15:15	<b>Break</b>	
15:45	<b>Joerg Strotmann</b> University of Hohenheim	Rat OBP Subtypes, molecular biology, functional implications of insect PBPs
16:30	<b>Arne Skerra</b> Technical University Munich	Structural & functional studies of natural and engineered lipocalins: ANTICALINS as a novel class of tailored ligand-binding proteins
17:15	<b>Break</b>	
17:45	<b>Loic Briand</b> INRA, Dijon	Engineering Odorant Binding Proteins for Biosensors
18:30	<b>Discussion</b>	
20:00	<b>Dinner</b>	
09:00	<b>Jing-Jiang Zhou</b> Rothamsted Research	Pheromone binding proteins
09:45	<b>Krishna Persaud</b> University of Manchester	Experiences with quartz crystal microbalances and Odorant Binding Proteins
10:30	<b>Break</b>	
11:00	<b>Paul Barker</b> University of Cambridge	Engineered proteins and biosensors
11:45	<b>Nicolae Bărsan</b> IPC Tuebingen	Experiences in making sensors work in real life
12:30	<b>Lunch</b>	
13:45	<b>Nicolae Bărsan</b> IPC Tuebingen	ITN Research Training Networks
14:30	<b>Discussion groups</b> focus on collaboration – biology, physiology, systems biology, molecular biology, protein engineering, artificial transduction systems, biomimetic sensing systems, target analytes	
15:15	<b>Break</b>	
16:00	<b>Conclusions and definition of targets and collaborations</b>	

### GOSPEL Partners

University of Tübingen  
AO Action  
Karolinska Institute  
University of Barcelona  
ARMINES, St-Etienne  
KTH, Stockholm  
University of Bremen  
CNR-IMM, Lecce & Rome  
INRIA, Nancy  
University of Linköping  
CNRS, Dijon  
Max-Planck-Institute, Heidelberg  
University of Manchester  
ETH Zürich  
University of Padova  
IMT, Neuchâtel  
Silesian University of Technology  
University of Pavia  
IMTEK, University of Freiburg  
University of Rome Tor Vergata  
IPM-Fraunhofer, Freiburg  
Umea University  
VDIVDE-IT GmbH

#### European Coordinator: Dr Udo Weimar

Institute of Physical Chemistry, University of Tübingen, Auf der Morgenstelle 8, 72076 Tübingen, Germany  
Ph: +49 7071 29 77636 Fax: +49 7071 29 5960 Email: [gospel-ipc@ipc.uni-tuebingen.de](mailto:gospel-ipc@ipc.uni-tuebingen.de)

GOSPEL – General Olfaction and Sensing Projects on a European Level – is a Network of Excellence funded by the European Commission within the 6th Framework Programme. Contract No: IST-507610.  
Project Officer: Dr Thomas Sommer.

**GOSPEL**