

## Working report 2010

### Members of the Section

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Deanna Kroetz, San Francisco, CA, USA  
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Adrian Llerana, Badajoz, Spain  
Vural Ozdemir, Montreal, Quebec, Canada  
Matthias Schwab, Stuttgart, Germany  
Toshiyuki Someya, Niigata, Japan  
Andrew Somogyi, Adelaide, Australia  
Julia Stingl, Ulm, Germany  
Guilherme Suarez-Kurtz, Rio de Janeiro, Brazil

### Committee Meetings

Members of the section met informally at WorldPharma2010 on the occasion of the below mentioned workshop.

### Workshop of the IUPHAR Section of Pharmacogenetics “Implementation and Obstacles of Pharmacogenetics in Clinical Practice” at WorldPharma2010

This meeting chaired by Magnus Ingelman-Sundberg (Stockholm, Sweden) and Ingolf Cascorbi (Kiel, Germany) was intended to add a discussion to WorldPharma2010 on views and experiences from different nations and continents on the attempt to translate pharmacogenetics into clinical practice. Although it was held at lunchtime and competed with many other workshops, it attracted more than 200 scientists, much more than initially expected. Deanna Kroetz (San Francisco, CA, USA) presented the US perspective and Guilherme Suarez-Kurtz (Sao Paulo, Brazil) outlined the problems of mixed populations and consequences of global implementation. Adrián Llerena (Badajoz, Spain) gave a talk on the use and limitations of pharmacogenetics in clinical psychiatry and Andrew Somogyi (Adelaide, Australia) discussed obstacles to the implementation of pharmacogenetic testing in Australia. These partly very critical talks given by renowned experts in pharmacogenetics raised discussions on the reasons, possible ways to deal with these restrictions or to show alternatives. A final philosophic was given by Vural Özdemir (Montreal, Canada) over contemplations on empiricism and ethics in pharmacogenetics, an important field that is currently less developed in clinical pharmacology

Overall, the goal of this workshop to discuss critically the current chances and challenges to implement pharmacogenetics was widely well taken by the audience.

### **Meetings in 2011**

The IUPHAR Section of Pharmacogenetics has discussed options of activities for 2011. The members of the sections suggest support of the 4th International Congress on Psychopharmacology <http://www.psychopharmacology2011.org/> taking place in Antalya, Turkey in November. The chairman was approached by one of the organizers Dr. Feyza ARICIOGLU to help in a symposium on Pharmacogenomics of Psychoactive Drugs.

Speakers will be

Manfred Uhr, Munich, Germany

Role of polymorphic drug transporters in treatment-resistant depression

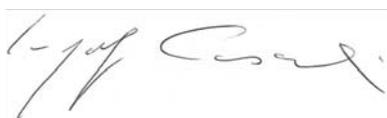
Adrián Llerena, Badajoz, Spain

Relationship between pharmacogenetic traits and personality.

Ingolf Cascorbi, Germany

Genetic Causes of Hypersensitivity to Antipsychotics - the Clozapine Story

The meeting will be a good opportunity to discuss further activities in the field of pharmacogenetics in this particular part of the world. Turkey falls under the World Health Organization definition of low and middle income countries (LMICs). There is also much heterogeneity within Turkey in terms access to science education including pharmacogenetics. In particular, the east and south-east regions of the country have been neglected in the past and if students from those regions could also attend (in addition to those from Istanbul or western Turkey), therefore it is believed that this meeting in Turkey might have further added value.



Ingolf Cascorbi, MD, PhD  
Chair