

REPORT OF THE PAEDIATRIC CLINICAL PHARMACOLOGY SECTION 2012-2013

13.3.2013

The Executive Committee of the Paediatric Section for the term 2010-2014: *Kalle Hoppu* (Finland, chairman), *Gregory L. Kearns* (USA, Vice-Chairman/chairman-elect), *Facundo Garcia-Bournissen* (Argentina/Canada, Secretary), *Madlen Gazarian* (Australia, treasurer), *Gabriel Anabwani* (Botswana), *Saskia N. de Wildt* (the Netherlands), *Hidefumi Nakamura* (Japan), and *Shalini Sri Ranganathan* (Sri Lanka).

The Executive Committee has not met during the period of this report, but the Committee has communicated actively via e-mails around the activities listed below.

1) GRIP - Global Research in Paediatrics

The involvement of IUPHAR in GRIP activities has been the focus of the Section during this period.

- Facundo Garcia-Bournissen (Argentina, Secretary of the Paediatric Section) participated as the representative of IUPHAR Paediatric Section in the Ad-hoc group, which had the task to develop an international core curriculum for a fellowship program in Paediatric Clinical Pharmacology. The curriculum called “Detailed core curriculum of specialisation in paediatric clinical pharmacology: GRiP Paediatric Clinical Pharmacology Fellowship curriculum” (attached) was adopted in June 2012, and will serve as a basis for development of international structure for collaboration in training of fellows in Paediatric Clinical Pharmacology.
- IUPHAR member society ESDP (European Society for Developmental Perinatal & Paediatric Pharmacology) has together with GRIP and with funding made available by GRIP for IUPHAR developed “GRIP Road Show – a model for making short courses on Basics of Paediatric Clinical Pharmacology and Investigation of Medicines in Children available globally”. A planning meeting was organized in Salzburg on 21.7.2012 and a Workshop to develop the content in Rotterdam 14-15.11.2012. The first pilot GRIP/ESDP Course on paediatric clinical pharmacology – “Medicines in children – what you need to know” was arranged in Warsaw, Poland 25 - 26.2.2013. Section EC member Saskia N. de Wildt was involved at all stages and was one of the two tutors of the Warsaw course. Section EC member Gregory L. Kearns participated in the development of the content, including participation in the Rotterdam workshop. The development of the work was lead from GRIP side by Kalle Hoppu. A Concept paper on the GRIP Roadshow is attached.

2) Other activities

- The IUPHAR Paediatric Section submitted two proposals for sessions related to Paediatric Clinical Pharmacology to the organisers of 17th World Congress of Basic and Clinical Pharmacology (WCP2014) in November 2012.
- Section was asked by FIP to provide a speaker for symposium "Paediatric medicines - challenges and opportunities" held in Sao Paulo, Brazil 21- 22.6.2012. Facundo Garcia-Bournissen present lectures: “From neonates to adolescents: Developmental physiology and paediatric pharmacokinetics and pharmacodynamics, toxicology” and “Ethical considerations in clinical trials”
- Hidefumi Nakamura acting as vice-chair for the steering committee of the Japanese Society of Clinical Pharmacology and Therapeutics (JSCPT) was involved in organizing training in paediatric clinical pharmacology in Japan in collaboration with the Japan Society of Developmental Pharmacology and Therapeutics (JSDPT)

3) WHO related activities during the reporting period:

- K Hoppu on behalf of the Section of Paediatric Pharmacology of IUPHAR wrote the chapter for the booklet “Clinical Pharmacology in health care, teaching and research”, which was published by CIOMS and WHO in collaboration with IUPHAR in 2012.
- The Grant from Gates foundation for WHO and UNICEF for work on the “Better medicines for children/make medicines child size” program ended. Together with the current general funding crisis of the WHO paediatric medicines work was dramatically reduced in 2012, reducing also the need for the Section to providing expertise.

Planned activities of IUPHAR Paediatric Section for 2013-2014:

It is expected that the main focus of the Paediatric Section will continue to be in supporting GRIP work to develop a joint paediatric clinical pharmacology international training program. The GRIP Roadshow development will be finished in 2013 and it will be made available in Europe by ESDP and outside of with the help of the Paediatric Clinical Pharmacology Section. The first GRIP web based module in paediatric clinical pharmacology will be based on the content originally developed for IUPHAR by Shinya Ito from Toronto some years ago. The module will be available on the GRIP VLE for a first test-course in the 2nd Quarter of 2013 and it is intended that the course will be run repeatedly starting in second half of 2013. A GRiP workshop on “Building meaningful linkages with paediatric pharmacology training programs globally” will take place in Salzburg Austria on 8.6.2013. The workshop will be organized by GRIP in collaboration with ESDP and IUPHAR.

Kalle Hoppu
Chairman of the Section of Paediatric Clinical Pharmacology

Attachments:

- 1) “Detailed core curriculum of specialisation in paediatric clinical pharmacology: GRiP Paediatric Clinical Pharmacology Fellowship curriculum”
- 2) Concept paper on the GRIP Roadshow