

## Report of IUPHAR Subcommittee for Clinical Pharmacology in Developing countries

### 1: Activities in 2014

- a. Planning and organization of symposium on “*Managed Introduction of New Medicines*” with cross-continental participation at World Congress in Cape Town, South Africa, July 2014. Lars L Gustafsson Sweden and Ilse Truter South Africa were moderators.
- b. Planning of and active participation in Subcommittee organized Workshop on “*Rational Use of Medicines*” (25 participants) held in parallel to the official program at World Congress in Cape Town. This workshop covered reports of successful projects related to operational research, education and use of IT-tools for cross-country collaboration in developing and emerging countries.
- c. Subcommittee meeting with present members (12) in Cape Town with updates of achieved activities 2010 to 2014. Plans were made for the period 2014 to 2018. Dinesh K Badyal, India, was elected co-chair of the Subcommittee. He and Lars L Gustafsson jointly chair the group for the period 2014 to 2018. Decision was taken to initiate and participate in planned training workshop on drug utilisation methods together with the newly formed MURIA group (Medicines Utilisation Research in Africa) in Botswana, Summer 2015.
- d. Participation in design and development of African Pharmacology Science Gateway ([www.sgw.africa-grid.org/pharmacology-science-gateway](http://www.sgw.africa-grid.org/pharmacology-science-gateway)) in collaboration with the EU-project ei4africa ([www.ei4africa.eu](http://www.ei4africa.eu)) together with AiBST (African Institute for Biomedical Science and Technology) in Zimbabwe where Professor Collen Masimirembwa is executive officer. This gateway contains a platform for virtual collaboration and sharing of data, tools and e-learning material focused on genomics, pharmacokinetics/modelling and clinical trials. Active support has been gained from IUPHAR Clinical Division (Drs Abernathy and Birkett) to find long term financing. Ongoing efforts.
- e. The Subcommittee members have been active locally in Africa, Asia, Latin America and in emerging countries to promote and present the key concepts of the clinical pharmacology strategic document jointly published by IUPHAR, WHO and CIOMS in 2012.

### 2. Proposed activities for 2015

- a. Organization and participation in workshop in Botswana July 2015 on drug utilisation methods together with main organizer MURIA (see above). Drs Joseph O Fadare and Olayinka Olabode Ogunleye (new members of Subcommittee) are among invited speakers. The Subcommittee expect that the initiation a MURIA group in Africa can stimulate interested experts within and outside clinical pharmacology to play a major role in studying and thereby improving the quality of use of medicines in Africa, Costs of medicines account for about 40 to 60% of healthcare costs in African countries.

Chair Lars L Gustafsson will apply to IUPHAR for four scholarships for young MD clinical pharmacologists from Africa to participate in the workshop

- b. Efforts to establish a governing body and develop a workplan for African Pharmacology Science Gateway continues. Dr Collen Masimirembwa is in charge. A new EU-project on Science Gateways headed by professor Simon Taylor London and with Drs Collen Masimirembwa Zimbabwe and Jaran Eriksn and Lars L Gustafsson Sweden as participants have been funded for 2015-2017. We expect to use expertise in the further development of the African Pharmacology Science Gateway concept. The refinement of plans with FIP and IUPHAR officers for funding will continue.
- c. A review on training needs for clinical pharmacologists in developing and emerging countries will be carried out by Dr Dinesh K Badyal as responsible person.
- d. The Subcommittee will start to share information at its website of IUPHAR and share presentations and tools for a wider community. This effort can be seen as the beginning of open access of training material focusing on the needs for developing and emerging countries. The Subcommittee will try to raise funds for a part time clinical pharmacology scientist to be editor of this contents.

### **3. Fundraising efforts**

Funds for 4 scholarships for participation in training workshop in drug utilization methods to be applied from IUPHAR. Funds for organizing the workshop in Botswana 2015 is ensured by an awarded grant jointly to Professors Amos Y Masele Botswana and Lars L Gustafsson from Swedish Research Council for the period 2014 to 2016. These funds allow co-financing of a second follow-up meeting of MURIA in either South Africa or Botswana in 2016.

### **4. Funds in the bank**

No funds in the bank. All activities are organized by specific fund raising or co-financing activities and/or by self-financing costs for travels, work and telephone conversations by the members themselves.

**Submitted:** March 30, 2015 by Lars L Gustafsson

**Chairs:** Professor Dinesh K Badyal India and Lars L Gustafsson Sweden