

Report of the Drug Metabolism and Drug Transport Section (DMTS) to the Executive Committee of IUPHAR

Activities in 2014

(i) In collaboration with Ingolf Cascorbi and the Pharmacogenomics Section of IUPHAR, DMTS assembled and submitted a comprehensive suite of symposia proposals for the WCP2014 program. Four of these were selected for inclusion in the Cape Town programme. (i) Epigenetic regulation of drug metabolizing enzymes and transporters chaired by Ingolf Cascorbi with Magnus Ingelman-Sundberg, Ingolf Cascorbi and Matthias Schwab as speakers, (ii) Pharmacogenetics in infectious disease chaired by Ann Daly with Pedro Gil, Adalberto Santos and Eleni Aklillu as speakers, (iii) Role of drug transporters in interindividual variations in drug response chaired by Matthias Schwab with Matthias Schwab, Frans Russel and Christoph Funk as speakers and (iv) Understanding drug-induced liver injury: CYP450 and the immune system chaired by Allan Rettie with James Lewis, Jack Uetrecht and Ann Daly as speakers.

(ii) The executive was refreshed this year. At a general meeting during WCP2014, Ann Daly took over from Allan Rettie as Chair and the new executive elected. The new executive is as follows:

Chair

Ann Daly, UK (a.k.daly@ncl.ac.uk)

Vice-Chair

Matthias Schwab, Germany (matthias.schwab@ikp-stuttgart.de)

Secretary

Collen Masimirembwa, Zimbabwe (collen.masimirembwa@aibst.com)

Treasurer

Edward Morgan, USA (etmorga@emory.edu)

Past Chair

Allan Rettie, USA (rettie@uw.edu)

Councillors

Momir Mikov, Serbia (momir.mikov@otago.ac.nz)

Nuala Helsby, New Zealand (n.helsby@auckland.ac.nz)

Enrique Sanchez Pozzi, Argentina (esanchez@fbioyf.unr.edu.ar)

Hiroyuki Kusuhara, Japan (kusuhara@mol.f.u-tokyo.ac.jp)

Guang-Ji Wang, China (guangjiwang@hotmail.com)

Daniel Antoine, UK (D.Antoine@liverpool.ac.uk)

(iii) The Section was also involved in helping organize a satellite meeting to WCP2014. This initiative was led by former DMTS committee member, Prof. Andrew Walubo. This satellite meeting, entitled 'Methods 2014' was scheduled to take place in Cape Town immediately before WCP2014 and to concentrate on describing methods for studying drug metabolism and transport and for developing herbal-derived medicines. Unfortunately, citing difficulties with sponsorship and attendee numbers, the meeting was cancelled in early February. Professor Walubo has recently been in contact indicating he hopes to run this meeting in late 2015 in Johannesburg instead.

(iv) Website update: We have uploaded information on current activities and the new executive to the new IUPHAR website and look forward to this going live in the near future.

Proposed Activities for 2015

(i) Interaction with NC-IUPHAR. The section can provide expertise in the areas of both transporters (already a subject covered by NC-IUPHAR on their Guide to Pharmacology web portal) and drug metabolism, especially cytochromes P450. Ann Daly and Allan Rettie are members of a working party also involving NC-IUPHAR and International Society for Study of Xenobiotics who are considering how best NC-IUPHAR can contribute to the cytochrome P450 field.

(ii) Submit proposal for a joint symposium at the 2016 British Pharmacological Society meeting.

(iii) Develop proposal for symposia during WCP2018 meeting in Kyoto, Japan.

(iv) Develop links with other societies with a view to further involvement in joint meetings.

(v) Renew links with IUPHAR Pharmacogenetics section which is now chaired by Guilherme Suarez-Kurtz with a view to arranging joint activity.

Fundraising efforts

General fundraising efforts in 2013 were unsuccessful. We believe fundraising targeted to specific events might be more successful and will make further attempts in relation to programmed activities once these are finalised.

Funds in the bank

Balance is currently \$17,017.21.

Prof. Ann Daly
Chair DMTS
27th March 2015