

IATDMCT Young Scientists Committee (YSC) Report

¹Denise A McKeown, Chair, ASI, St George's-University of London, UK
Email: dmckeown@bioanalytics.co.uk

²Markus Meyer, Vice-Chair, Saarland University, Homborg, Germany
Email: markus.meyer@uks.eu

Latest Committee News

The YSC meeting was held during the 12th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology, Stuttgart, Germany, October 2011. Founding Chair of the YSC, Frank T Peters, retired from his post after paving the way for the upcoming YS members. On behalf of all YS I would like to take the opportunity to thank Frank for all his enthusiastic efforts and hard work in founding the committee in 2005, and bringing it forward to today. During Franks term; the YS membership has grown to an impressive 87 registered members, discount for membership and congress attendance was secured for junior members, and the YS oral and poster presentation congress prizes were established. In his role as IATDMCT Councillor Frank will continue to work with the YS acting as liaison between the YSC and the Executive. Denise A McKeown, past Vice-Chair, has taken over as YSC Chair and is delighted to announce that Markus R Meyer, Saarland University, Homborg, Germany, has agreed to take on the role as Vice-Chair. Further committee changes are planned to expand the countries represented, visit the YS Corner of the website (<http://www.iatdmct.org>) to “Meet Committee”.



Thank you to Frank T Peters

YS Membership Update

After a decrease in the “off-congress” year, the number of IATDMCT YS members has increased again and now stands at 87 registered members: 40 YS, 18 Junior Members, 25 Developing Country YS and 4 Developing Country Junior Members. An additional 12 full IATDMCT members have listed YS Interest in their membership profiles.

Compass Young Scientist Corner

The “Young Scientist Corner” is now an established section of the Compass. In the past year, it included announcements of Sara Bremer, Department of Medical Biochemistry, University of Oslo, and Flora Musuamba, Laboratoire de Biochimie, Université Catholique de Louvain, having successfully completed their PhDs. The YSC reported on its activities and achievements since its foundation in 2005. Two scientific articles “Validation of the MassTrak XE Kit for TDM of Everolimus” by Denise A McKeown and “Identification of Metabolites Using LC-MSn” by Dirk K Wissenbach, Saarland University, Homborg, Germany, were contributed. Together with Pierre Marquet (then President-Elect), YS Markus R Meyer and Frank T Peters (then YSC Chair)

published a report on the Mass Spectrometry Symposium on the occasion of Past-President Hans Maurer's 60th birthday.

YS Storm Stuttgart

The YS stormed the Stuttgart Congress with an impressive 90 in attendance. Activities began with the traditional YS lunch (kindly sponsored by Thermofisher) at Vinum, which provided a relaxed atmosphere for YS to meet their peers at the start of the Congress week. The YS workshop was a great success with a high level of scientific material presented by YS members. Marta Concheiro, Spain, presented an excellent overview of the basic aspects and analytical methods utilised for "In Utero Drug Exposure". This was followed by an informative talk on the tools and concepts for "In Vitro Metabolism Studies" presented by Andrea Schwaninger, Germany. Thomas Kramer, Switzerland, ended the workshop on a "High" note with an entertaining and excellent overview of "The Spice Phenomenon (synthetic cannabinoids)". YS were "Busy Bees" with numerous oral and poster presentations, chairing sessions and other committee activities, highlighting that the YS have become an integral part of the association's activities.

Congratulations

Congratulations to both Andrea E Schwaninger and Fabien Lamourex for their success at the 12th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology, Stuttgart, Germany, October, 2011.

YS Best Oral Presentation & IATDMCT Best Abstract Award - Andrea E Schwaninger

Stereoselective urinary excretion kinetics of MDMA and metabolites following controlled MDMA administration to humans.

Schwaninger AE¹, Meyer MR¹, Barnes AJ², Kolbrich-Spargo EA², Gorelick DA², Goodwin RS², Huestis MA², Maurer HH¹.

¹Saarland University - Institute of Experimental and Clinical Pharmacology and Toxicology, Homburg, Germany; ²Chemistry and Drug Metabolism, NIDA, NIH, Baltimore, MD, USA.



*Andrea E Schwaninger Oral Prize Winner (LHS),
Denise A McKeown_YSC Chair (RHS)*

YS Best Poster Presentation Award - Fabien Lamourex

SILAC quantitative proteomic analysis of calcineurin inhibitors-induced toxicity in a human kidney cell line reveals different toxicity profiles between cyclosporine and tacrolimus.

Lamourex F¹, Mestre E¹, Marquet P¹, Sauvage FL², Essig M¹, Gastinel LN¹.

¹National Institute of Health and Medical Research (Inserm), Limoges, France; ²CHU Limoges, Department of Pharmacology, France, Limoges, France.



*Markus R Meyer_YSC Vice-Chair (LHS),
Fabien Lamourex_Poster Prize Winner (RHS)*

YSC look forward to seeing you all again in Salt Lake City, USA, 2013!