Tuesday, June 7

Poster Session TP10
Drug Metabolism: Qualitative Analysis I

- Poster # 210
  New developments in the synthesis of drug/xenobiotic metabolites and the prediction thereof by means of on-line electrochemistry/MS
  Joann Purkerson et al., Antec (USA)
  Palm Bay, FL, USA

- Poster # 211
  Direct Detection, Structural Characterization and Isolation of Novel Oxidative Chemical Matter Using an Electrochemistry-MS Platform
  Smriti Khera et al., Amgen Inc., South San Francisco, CA, USA

- Poster # 212
  Rapid generation and identification of oxidative metabolites by electrochemistry coupled online to LC/ESI-MS
  Hannah Simon et al., University of Münster, Münster, Germany

- Poster # 213
  Simulation of the metabolism of the anti-platelet drug ticlopidine with electrochemistry/liquid chromatography/MS
  Helene Faber et al., University of Münster, Münster, Germany

Poster Session TP11
Drug Metabolism: Qualitative Analysis I

- Poster # 239
  Electrochemistry with Liquid Chromatography/Inductively Coupled Plasma Mass Spectrometry for Quantitative Investigation of the Metabolic Pathway of Amodiaquine and Diclofenac
  Jens Künnemeyer et al., University of Münster, Münster, Germany

Tuesday, June 7

Wednesday, June 8

Oral Sessions 2:50 PM and 3:50 PM
Reactive Metabolites: Novel LC-MS Detection Methods

- 2:50 PM - Investigation of oxidative and conjugative metabolism reactions with liquid chromatography / accurate mass high resolution MS
  Maciej Bromirski et al., Thermo Fisher Scientific, Bremen, Germany

- 3:50 PM - LC-MS Identification and quantification of electrogenerated reactive metabolites and their peptide and protein adducts
  Uwe Karst et al., University of Münster, Münster, Germany

Poster Session WP11
Nucleic Acids II

- Poster # 189
  Electrochemical Simulation of Covalent DNA Adduct Formation Monitored with Liquid Chromatography/Mass Spectrometry
  Herbert Oberacher et al., Innsbruck Medical University, Innsbruck, Austria

Poster Session WP33
Proteomics: Sample Preparation

- Poster # 617
  Protein cleavage, disulfide bonds reduction, signal enhancement and more using electrochemistry/MS
  Jean-Pierre Chervet et al., Antec, Zoeterwoude, The Netherlands

Thursday, June 9

Poster Session ThP02
Instrumentation: General

- Poster # 031
  On-line Mass Spectrometric Analysis of Proteins/Peptides Following Electrolytic Cleavage of Disulfide Bonds
  Yun Zhang et al., Ohio University, Athens, OH, USA

- Poster # 548
  Analysis of Protein/Peptide Disulfide Bonds by Electrochemical Mass Spectrometry
  Yun Zhang; Mei Lu; Howard D. Dewald; Hao Chen, Ohio University, Athens, OH, USA