



Monday, June 3

Posters

■ *Environmental: Exposomics*

MP 126 Electrochemical Simulation of Triclosan Metabolism and Toxicological Evaluation 10:30am - 2:30pm

Hendrik Jan Brouwer*¹, Jean-Pierre Chervet¹, Linyan Zhu², Stephan Küppers³

¹Antec Scientific, Zoeterwoude, Netherlands;

²Maryland Institute for Applied Environmental Health, University of Maryland, MD, USA; ³Research Center Jülich, Department of Analytics, Jülich, Germany.

■ *Metabolomics:*

Identification of Unknown Metabolites

MP 568 Electrochemical Simulation of Phase I Metabolism of Three Novel Cardiovascular Drugs Using UHPLC-MS/MS 10:30am - 2:30pm

Martin Eysberg*¹, Małgorzata Szultka-Młyńska², Jean-Pierre Chervet³

¹Antec Scientific, Boston, MA, USA; ²Department of Environmental Chemistry and Bioanalytics, Nicolaus Copernicus University, Torun, Poland; ³Antec Scientific, Zoeterwoude, Netherlands.



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Tuesday, June 4

Posters

■ *Small Molecules: Qualitative Analysis*

TP 755 A New electrochemical route for carbon-carbon bond formation: electrochemistry-assisted intermolecular 3+2 annulation of N-cyclopropyl-3,5-dimethylaniline and styrene 10:30am - 2:30pm

Qi Wang*¹, Qile Wang², Nan Zheng², Richard N Zare³, Yuexiang Zhang⁴, Hao Chen^{1,4}

¹New Jersey Institute of Technology, Newark, NJ, USA; ²University of Arkansas, Fayetteville, AR, USA; ³Stanford University, Stanford, CA, USA; ⁴Ohio University, Athens, OH, USA.

■ *Ion mobility: Applications I*

TP 511 Fast Identification and Simultaneous Separation of Electrochemically Generated Isomeric Xenobiotic Phase-I Metabolites by means of Trapped Ion Mobility-Mass Spectrometry 10:30am - 2:30pm

Jens Fangmeyer*, Simon Gereon Scheeren, Robin Schmid, Uwe Karst
University of Muenster, Institute of Inorganic and Analytical Chemistry, Muenster, Germany.



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Wednesday, June 5

Oral

4:10pm - 4:30pm. Room B401-402

■ *WOB: Hydrogen-Deuterium Exchange MS: Innovations*

New Electrochemical Cell for Superior On-line Reduction of Disulfide Bonds in MS Proteomics

Jean-Pierre Chervet*¹, Pablo Sanz de la Torre¹, Hendrik Jan Brouwer¹, Martin Eysberg²

¹Antec Scientific, Zoeterwoude, Netherlands;

²Antec Scientific, Boston, MA, USA.

Poster

■ *Small Molecules: Qualitative Analysis*

WP 747 Electrochemistry-Assisted Absolute Quantitation by Mass Spectrometry 10:30am - 2:30pm

Pengyi Zhao*, Hao Chen

New Jersey Institute of Technology, Newark, NJ, USA.

Antec Scientific (USA)
info@AntecScientific.com
www.AntecScientific.com
T 888 572 0012

Antec Scientific (worldwide)
info@AntecScientific.com
www.AntecScientific.com
T +31 71 5813333



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