













# Day 2 - Wednesday, January 12, 2005



07:30-09:00	Registration		
09:00-09:10	Opening Remarks		
09:10-10:10	<b>PLENARY LECTURE</b> Helping Diabetic People while Progressing toward Medical Feedback Loops Adam Heller, <i>University of Texas, Austin TX, USA</i>		
10:10-10:40	Coffee Break, Posters & Vendors Exhibits		
<b>Hall A</b>			
<b>Chromatography - GC and LC</b>			
10:40-11:00	Segment-Coated Capillary Columns in GC: Manufacture, Application and Limitations <i>Jaap de Zeeuw, Varian, Middelburg, The Netherlands</i>		National Proficiency Testing Program for Determining Agriculturally Incurred Pesticide Residues on Fresh Horticultural Produce <i>Paulina Goldshag, Ministry of Agriculture, Bet Degan</i>
11:00-11:20	Redefining Separation Sciences using Ultra-Performance Liquid Chromatography <i>Shulamit Levin, Mediatechnica, Petach Tikva</i>		Food Chemistry Analysis in the Public Health Laboratories <i>Enat Haleva, Ministry of Health, Tel Aviv</i>
11:20-11:40	The Separation Mechanism of Two Dynamically Coated Stationary Phases <i>Liach Yishai-Avram, The Hebrew University of Jerusalem, Jerusalem</i>		Experimental Uncertainty Evaluation Method Validation & Uncertainty Report: Determination of Vitamins B <sub>1</sub> and B <sub>2</sub> in Baby Food <i>Isaac Skalsky, Bactochem</i>
11:40-12:00	Amino Acid Analysis by HPLC - for Analysis of Peptide Composition - Comparison of Two Methods <i>Stela Gengrionovitch, Biosight Ltd. - Peptide Technologies, Karmiel</i>		Detection of Genetically Modified Organisms (GMO) by Real-Time PCR <i>Emma Teverovsky, Ministry of Agriculture, Bet Degan</i>
12:00-12:20	HPLC of Really Difficult Protein Mixtures: Peints to Proteomics <i>Andrew Alpert, PolyLC Inc., Columbia MD, USA</i>		Massive Chicken Death in Local Poultry Farms in Bucaramanga, (Colombia): A Detective Story with Chromatographic Solution <i>Elena E. Stashenko, Industrial University of Santander, Bucaramanga, Colombia</i>
12:20-14:00	Lunch, Posters & Vendors Exhibits <i>Authors of posters will be at their posters between 13:00 and 14:00</i>		
<b>Bio Analytical Applications of LC-MS</b>			
14:00-14:20	Effective Peak Tracking and Peak Purity Assessment during Early Stages of Method Development Using Mass Spectrometry Coupled to UV Detection <i>Xavier Amoyal, Mediatechnica, Petach Tikva</i>		Speciation of Inorganic Polysulfides <i>Ovadia Lev, The Hebrew University of Jerusalem, Jerusalem</i>
14:20-14:40	From Mass Spectrum to Elemental Composition: An Automated Procedure For Accurate Mass Determination by LC/AP-TOF <i>Arnd Ingendoh, Brinker Daltonik, Bremen, Germany</i>		Qualitative Analysis of Water by LCMS. Is it Possible to Estimate Water Quality by using LCMS? <i>Igal Bar-Ilan, MIGA-Galilee Technologic Center, Kiryat Simona</i>
14:40-15:00	High Throughput and High Sensitivity LC/MS- <i>oe</i> -TOF and UPLC/TOF-MS for the Identification of Biomarkers of Toxicity and Disease Using a Metabonomics Approach <i>Andy Craze, Waters Corporation, Milford, MA, USA</i>		Uranium in Drinking Water and its Expression in Bio-Assays of Urine, Hair and Nails <i>Zeev Karpas, Nuclear Research Center, Beer Sheva</i>
15:00-15:30	Coffee Break, Posters & Vendors Exhibits		
<b>Homeland Security and Forensic Applications</b>			
15:30-15:50	A Novel Method for Extraction and Analysis of Gunpowder Residues on Double-Side Adhesive Coated Stubs <i>Artie Zeichner, Israel Police National Headquarters, Jerusalem</i>		Analytical Chemistry in Israel Electric Power Plants <i>Victor Marcu, Orin Rabin Power Station, Hadera</i>
15:50-16:10	Differentiation Between Nitroglycerin Explosive and Nitroglycerin Medication Using an IMS Detector <i>Jehuda Ymon, Weizmann Institute, Rehovot, Israel and University of Central Florida, Orlando, FL, USA</i>		Studying Water Permeability and Solubility in Highly Hydrophobic Composite Polymeric Microelectronic Packaging <i>Tomer Zimrin, Bar-Ilan University, Ramat Gan</i>
16:10-16:30	On-site Detection and Identification of Trace-Levels of Chemical Warfare Agents <i>Shai Kandler, Israel Institute for Biological Research, Ness Ziona</i>		Leachables and Extractables: Prediction and Determination <i>Berta Iosevzon, TEVA Pharmaceutical Industries, Jerusalem</i>
<b>Industrial Applications and Analysis</b>			

All lectures will be given in English