

Day 2 - Monday, 16 Sep 2019

You can retrieve the abstract of each contributor clicking on the text in the table

07:30 – 08:30	Registration to the Symposium Entrance Hall		
08:30 – 09:10	Plenary session 3 Meeting room A		
	Chairs: Coral Barbas, Igal Gozlan		
	WONDERFUL OPPORTUNITIES FOR DRUG DEVELOPMENT BASED ON PRODRUGS AND CODRUGS Abraham Nudelman <i>Bar Ilan University, Ramat Gan, Israel</i>		
09:10 – 10:50	Session 1 Meeting room A	Session 2 Meeting room C	Session 3 Meeting room D
	Chairs: Joachim Jose Gary Gellerman	Chairs: Ruin Moaddel Orie Rubin	Chairs: Janusz Pawliszin Igal Bar Ilan
	BIOMEDICAL AND DIAGNOSTIC APPLICATIONS 1	NATURAL PRODUCTS PHARMACEUTICALS, INCLUDING MEDICAL CANNABIS 1	BIOPHARMACEUTICALS 1
09:10 - 09:50	Keynote Lecture	Keynote Lecture	Keynote Lecture
	STRUCTURAL AND FUNCTIONAL PROFILE OF HUMAN SERUM ALBUMIN: CLINICAL IMPLICATIONS AND PROGNOSTIC RELEVANCE Carlo Bertucci <i>University of Bologna, Italy</i>	NEW INSIGHTS FOR THE COMPREHENSIVE ANALYSIS OF BIOACTIVE COMPOUNDS IN CANNABIS SATIVA L. Federica Pellati <i>University of Modena and Reggio Emilia, Italy</i>	PREPARATION OF MOLECULARLY IMPRINTED POLYMERS Jun Haginaka <i>Mukogawa Women's University, Nishinomiya, Japan</i>
09:50 - 10:10	URINARY METABOLIC PROFILING IN AUTOSOMAL DOMINANT POLYCYSTIC KIDNEY DISEASE (ADPKD) Oleg Mayboroda <i>Leiden University, Leiden, The Netherlands</i>	PHARMACOKINETICS AND PHARMACODYNAMICS INTERACTIONS OF SPIRONOLACTONE AND HERBS Tun-Pin Hsueh <i>Hang Gung Memorial Hospital, Kaohsiung, Taiwan</i>	INSULIN AGGREGATION ASSESSMENT USING SDS-FREE CAPILLARY GEL ELECTROPHORESIS: COMPARISON WITH SIZE-EXCLUSION CHROMATOGRAPHY Jacques Crommen <i>University of Liege, Belgium</i>
	NUCLEIC ACID APTAMERS COMBINED WITH A SIGNAL AMPLIFICATION PROBE, DRAMATICALLY INCREASES SENSITIVITY IN ELISA LIKE AND OTHER IMMUNO-DIAGNOSTIC ASSA Ofer Nussbaum <i>Aptateck Bio, Israel</i>	ANTICANCER POTENTIAL OF DIETARY FLAVONOID APIGENIN IN BREAST CANCER CELL Goran Gajky <i>Institute for Medical Research and Occupational Health, Zagreb, Croatia</i>	RAMAN IMAGING AS A NEW ANALYTICAL METHOD TO MONITOR OSTEOGENIC DIFFERENTIATION IN FORMING BONE TISSUE Charlotte De Bleye <i>University of Liege, Belgium</i>

10:30 - 10:50	FLUORESCENT REPORTERS FOR BIOMEDICAL APPLICATIONS Leonid Patsenker <i>Ariel University, Israel</i>	OLD YET NEW – SFC AS AN INTERESTING TECHNIQUE FOR NATURAL PRODUCTS ANALYSIS Markus Ganzera <i>University of Innsbruck, Austria</i>	BEYOND THE CHIP: DEVELOPMENT AND APPLICATION OF A MICRO-PHYSIOLOGICAL FLUX ANALYZER Yaakov Nahmias <i>The Hebrew University of Jerusalem, Israel</i>
10:50 – 11:10	Coffee break Exhibition Area		
11:00 – 12:40	Session 4 Meeting room A	Session 5 Meeting room C	Session 6 Meeting room D
	Chairs: Sergey Krylov Guy Pachornik	Chairs: Coral Barbas Yishai Levin	Chairs: Gabriella Massolini Erez Matalon
	DRUG DISCOVERY AND DEVELOPMENT 1	OMICS (METABOLOMICS)	AFFINITY AND BIOACTIVITY 1
11:00 - 11:30	Keynote Lecture INVESTIGATING AMYLOID AGGREGATION AND ITS INHIBITION: IMPLICATION OF REVERSIBLE AND NON-REVERSIBLE ADDUCTS FORMATION Vincenza Andrisano <i>University of Bologna, Rimini, Italy</i>	Keynote Lecture CURRENT CHALLENGES IN METABOLOMICS: FROM ANALYTICAL COVERAGE TO STRATEGIES AND TOOLS FOR DATA INTEGRATION IN CHRONIC KIDNEY DISEASE Serge Rudaz <i>University of Genève, Switzerland</i>	Keynote Lecture BIOMIMETIC PEPTIDE FUNCTIONALIZED AFFINITY MATERIALS FOR MABS CAPTURE AND ANALYSIS Zhenjin Jiang <i>Jinan University, Guangzhou, China</i>
	Keynote Lecture OPTIMIZING THE DRUG DEVELOPMENT PROCESS USING PHARMACOMETRIC TOOLS: A CASE STUDY ON TYPE 2 DIABETES PATIENTS Serge Guzy <i>VP of Pharmacometrics, Bioforum, Israel</i>	Keynote Lecture METABOLOMICS FOR ANALYSIS OF CLINICAL SAMPLES Michal Markuszewsky <i>Medical University of Gdansk, Poland</i>	Keynote Lecture DEVELOPMENT OF CHROMATOGRAPHIC PLATFORMS FOR IMERS CHARACTERIZATION AS PROTOTYPES FOR FLOW-CHEMISTRY APPLICATIONS Enrica Calleri <i>University of Pavia, Italy</i>
12:00 - 12:20	A TIME-CONTROLLED DELIVERY SYSTEM FOR NICOTINE USING A NICOTINE PECTIN SALT FORMULATION FOR COLON-TARGETED DELIVERY Debora Shalev <i>Azrieli College of Engineering, Jerusalem, Israel</i>	NEW LUMINESCENT BIOMARKERS BASED ON CARBON DOTS Raz Jelinek <i>Ben Gurion University, Israel</i>	MOLECULAR EPITOPE DETERMINATION OF APTAMER COMPLEXES OF THE MULTIDOMAIN PROTEIN CMET BY AFFINITY-MASS SPECTROMETRY Michael Przybylski <i>Steinbeis Centre for Biopolymer Analysis and Biomedical Mass Spectrometry, Rüsselsheim am Main, Germany</i>

12:20 - 12:40	DRUG DISCOVERY AND DEVELOPMENT: A STRATEGY OF IN-VIVO MULTIPLE MICRODIALYSIS FOR PHARMACOKINETIC AND NEUROCHEMICAL ANALYSIS Tung-Hu Tsai <i>National United University, Miaoli, Taiwan</i> <i>National Yang-Ming University, Taipei, Taiwan</i>	LC-MS BASED-METABOLOMICS OF SERUM SAMPLES FROM NEWBORNS EXPOSED TO ZIKA VIRUS: A PILOT STUDY IN BRAZIL Regina Oliveira <i>Federal University of São Carlos, Brazil</i>	
12:40 – 13:30	Lunch break Restaurant		
13:30 – 14:15		Vendor's Seminar 1 Wyatt Technology Corp. Meeting room C	Vendor's Seminar 2 Formulex Meeting room D
		BIOMOLECULES, BIOPOLYMERS, BIONANOPARTICLES – LIGHT SCATTERING TOOLS FOR BIOPHYSICAL CHARACTERIZATION OF ADVANCED THERAPEUTICS Daniel Some, Ph. D.	<u>FORMULEX PHARMA INNOVATIONS</u> <u>YOUR SOLUTION FOR DRUGS DEVELOPMENT AND CLINICAL MANUFACTURING</u> Dr. Galia Temtsin Krayz <i>Formulex Pharma Innovations</i>
13:30 – 15:00	Poster Session 1		
15:00 – 15:20	Coffee break Exhibition Area		
15:20 – 17:40	Session 7 Meeting room A	Session 8 Meeting room C	Session 9 Meeting room D
	Chairs: Jun Haginaka Ofer Nussbaum	Chairs: Vincenza Andrisano Bianca Avramovich	Chairs: Serge Rudaz Igal Gozlan
	BIOMEDICAL AND DIAGNOSTIC APPLICATIONS 2	DRUG DISCOVERY AND DEVELOPMENT 2	BIOPHARMACEUTICALS 2
15:20 - 15:50	Keynote Lecture	Keynote Lecture	Keynote Lecture
	IN SEARCH OF BIOMARKERS FOR THE EARLY DETECTION OF RENAL CYSTIC DISEASES Ann Van Schepdael <i>The Katholieke Universiteit Leuven, Belgium</i>	IMPURITIES IN DRUG SUBSTANCES AND DRUG PRODUCTS Raphael Nudelman <i>Teva Pharmaceutical Industries, Netanya, Israel</i>	HILIC-MS FOR BIOPHARMACEUTICAL ANALYSIS AND (GLYCO)PROTEOMICS Govert Somsen <i>Vrije Universiteit Amsterdam, the Netherlands</i>

15:50 - 16:20	Keynote Lecture NOVEL BIOSENSORS FOR PHARMACEUTICAL ANALYSIS Zeynep Altintas <i>Technische Universität Berlin, Germany</i>	Keynote Lecture A NEW LASER SPECTROSCOPY AND ITS APPLICATION TO DETECTION OF DRUGS Israel Schechter <i>The Technion, Israel</i>	Keynote Lecture QUANTITATIVE COMPARISON OF THE N-GLYCOSYLATION OF PROTEIN THERAPEUTICS USING THE GLYCOSIMILARITY INDEX (IGLYCOS) Andras Guttman <i>Horvath Csaba Memorial Institute of Bioanalytical Research, Debrecen, Hungary</i>
16:20 - 16:40	A NOVEL ELECTROCHEMICAL MICROFLUIDIC CHIP BIOSENSOR FOR MULTICOMPONENT ANALYSIS IN RENAL FUNCTION EXAMINATION Yingchun Li <i>Harbin Institute of Technology, Shenzhen, China</i>	Keynote Lecture CHIRALITY AT THE DRIED BLOOD SPOT: ENANTIOSELECTIVE ANALYSIS OF PHARMACEUTICALS ON SUB TWO MICRON COLUMNS Ashraf Ghanem <i>University of Canberra, Australia</i>	ANALYSIS OF BOTULINUM NEUROTOXIN A (BONT/A) IN PHARMACEUTICAL PRODUCTS BASED ON PROTEOLYTIC ACTIVITY AND SIGNATURE MARKERS Yiu-Chung Wong <i>Hong Kong Government Laboratory, Hong Kong, China</i>
16:40 - 17:00	VISUALIZATION OF ANTI-CANCER TARGETED DRUG DELIVERY USING NIR FLUORESCENT SWITCHABLE REPORTERS Gary Gellerman <i>Ariel University, Israel</i>	CHEMICAL SPECIFIC PARTICLE SIZING OF THE ACTIVE PHARMACEUTICAL INGREDIENT IN COMPLEX FORMULATIONS BY HYPHENATED SPECTRO - MICROSCOPIES Yousif Ayoub <i>Teva Pharmaceutical Industries, Kfar Saba, Israel</i>	
17:00 - 17:20	NOVEL ANALYTICAL STRATEGIES IN TRANSPLANTOLOGY – A CHANCE TO INCREASE THE POOL OF ORGANS? Barbara Bojko <i>Collegium Medicum In Bydgoszcz, Poland</i>	METHYLERGONIVINE MALEATE: METHOD “GILDING” FOR CRITICAL IMPURITIES – ASSESSMENT OF METHOD PERFORMANCE CHARACTERISTICS Miri Salem <i>Teva Pharmaceutical Industries, Kfar Saba, Israel</i>	
17:20 - 17:40	HYDROPHILIC INTERACTION CHROMATOGRAPHY ANALYSIS OF BIOLOGICAL COMPOUNDS Makoto Tsunoda <i>University of Tokyo, Japan</i>	ACCELERATING DRUG DEVELOPMENT, QC & MANUFACTURING WITH NEW TECHNOLOGIES IN MOLECULAR SPECTROSCOPY Jan Wülfken <i>Agilent Technologies, Waldbronn, Germany</i>	
18:30 – 21:00	Cultural program City Walk - Old Jaffa		