EFMC-ASMC'15

Confirmed Speakers

Invited Speakers

Assembly Line Synthesis

Prof. Varinder K. AGGARWAL
(UNIVERSITY OF BRISTOL, Bristol, United Kingdom)

Chemical Research in Space and under Microgravity Conditions

Dr Shimon AMSELEM
(SPACEPHARMA, Herzliya Pituach, Israel)

Traceless Transition Metal Catalysis for Synthetic Applications

Prof. Valentine P. ANANIKOV
(ZELINSKY INSTITUTE OF ORGANIC CHEMISTRY, Moscow, Russia)

EFMC Prize for a Young Medicinal Chemist in Industry
Structure-Based Drug Design with G Protein-Coupled Receptors

Dr Steve ANDREWS
(HEPTARES, Welwyn Garden City, United Kingdom)

Targeted Cancer Diagnosis and Therapy with Peptide Conjugates

Prof. Annette BECK-SICKINGER
(LEIPZIG UNIVERSITY, Leipzig, Germany)

Studying and Targeting Deubiquitinases

Prof. Ashraf BRIK
(TECHNION-ISRAEL INSTITUTE OF TECHNOLOGY, Haifa, Israel)

Versatile Iridium Catalysts for a Broad Range of Asymmetric Transformations

Prof. Erick M. CARREIRA
(ETH ZÜRICH, Zürich, Switzerland)

EFMC Prize for a Young Medicinal Chemist in Academia
Achieving Intra-BET Selectivity of BET Bromodomain Chemical Probes: Bump-And Hole and PROTAC Approaches

Prof. Alessio CIULLI
(UNIVERSITY OF DUNDEE, Dundee, United Kingdom)

The Art of Building Small

EFMC-ASMC'15

Confirmed Speakers

Prof. Ben FERINGA
(UNIVERSITY OF GRONINGEN, Groningen, The Netherlands)

Crystalline Sponge Method as Applied to Pharmaceutical Studies

Prof. Makoto FUJITA
(UNIVERSITY OF TOKYO, Tokyo, Japan)

Exploration of Innovative Chemical Space for Biological Screening: the European Lead Factory Perspective

Dr Fabrizio GIORDANETTO
(TAROS CHEMICALS, New York, United States)

Protein Imprinted Polymers. What's the Problem Here?

Dr Bernard S. GREEN
(SEMOREX TECHNOLOGIES, Ness Ziona, Israel)

Challenges and Synthetic Ingenuity in the Generic World

Dr Lilach HEDVATI
(TEVA, Petah-Tiqva, Israel)

Harnessing Fluorine - Induced Ion - Dipole Attractive Forces in Enantioselective Catalysis

Prof. Amir H. HOVEYDA
(BOSTON COLLEGE, Chestnut Hill, United States)

Drug Discovery in the Ubiquitin Pathway : the E3 Ligases

Dr Philippe NAKACHE
(METABOMED, Yavne, Israel)

Setting a Course for Biomedical Innovation in the 21st Century

Dr Alan D. PALKOWITZ
(ELI LILLY & CO.)

Expanding Medicinal Chemistry Space: The Compact Module Initiative and Beyond

Dr Jean-Marc PLANCHER
(F. HOFFMANN-LA ROCHE, Basel, Switzerland)

Evolving GPCRs to Favorable Biophysical Properties: Enabling Drug Screening and Structural Studies

EFMC-ASMC'15

Confirmed Speakers

Prof. Andreas PLÜCKTHUN
(UNIVERSITY OF ZÜRICH, Zurich, Switzerland)

Discovery of a Potent and Selective Reversible BTK Inhibitor for the Treatment of Autoimmune Diseases

Dr Robert PULZ
(NOVARTIS PHARMA, Basel, Switzerland)

Directed Evolution of Stereoselective Enzymes: A Prolific Source of Catalysts for Asymmetric Reactions

Prof. Manfred T. REETZ
(MAX PLANCK INSTITUT FÜR KOHLENFORSCHUNG, Mulheim / Ruhr, Germany)

Personalized Medicine - Will it Really Happen?

Dr Aharon SCHWARTZ
(SCHWARTZ INNOVATIONS, Mevaseret Zion, Israel)

Quinone-Methide Species - a Gateway to Functional Molecular Systems

Prof. Doron SHABAT
(TEL AVIV UNIVERSITY, Tel Aviv, Israel)

The Power of Integrated Technological Platforms to Advance Science and Medicine

Dr Berta STRULOVICI
(WEIZMANN INSTITUTE OF SCIENCE, Rehovot, Israel)

Tailor-made Enzymes –Nature’s and Ours

Dr Dan TAWFIK
(WEIZMANN INSTITUTE OF SCIENCE, Rehovot, Israel)

Synthesis-Informed Design Directed at Transformative Therapies: Eradication of Hiv/Aids, Alzheimer's Disease and Resistant Cancer

Prof. Paul A. WENDER
(STANFORD UNIVERSITY, Stanford, United States)

Stimuli-Responsive Drug Carriers for Controlled Delivery and Nano-Medicine Applications

Prof. Itamar WILLNER
(THE HEBREW UNIVERSITY OF JERUSALEM, Jerusalem, Israel)

Confirmed Speakers

Oral Communications

OC08 - Necrosis: Cellular Mechanisms and Treatment

Prof. Amnon ALBECK
(BAR ILAN UNIVERSITY, Ramat Gan, Israel)

OC05 - Multi-Responsive Polymeric Assemblies

Dr Roey AMIR
(SCHOOL OF CHEMISTRY - TEL AVIV UNIVERSITY, Tel Aviv, Israel)

OC04 - Hypervalent Iodine Fluoroalkylating Reagents - Going Beyond Trifluoromethylation

Ms Julie CHARPENTIER
(ETH ZÜRICH, Zürich, Switzerland)

OC11 - Protecting Group-Free Strategies for The Synthesis of Nucleosides

Mr Mike DOWNEY
(INSTITUTE OF ORGANIC CHEMISTRY AND BIOCHEMISTRY, Prague-6, Czech Republic)

OC12 - Development of Anti-Influenza Drugs

Prof. Jim-Min FANG
(NATIONAL TAIWAN UNIVERSITY, Taipei, Taiwan)

OC02 - Development of Novel Nuclear Receptor Modulators Based on Silyl Functionality as Hydrophobic Core Structure

Dr Shinya FUJII
(UNIVERSITY OF TOKYO, Tokyo, Japan)

OC06 - Computational Discovery of Liposomal Drugs: from in Silico Predictions to in Vivo Validation

Prof. Amiram GOLDBLUM
(HEBREW UNIVERSITY OF JERUSALEM, Jerusalem, Israel)

OC07 - Synthesis and Application of Unnatural Proline Analogues: Advanced Building Blocks for Medicinal Chemistry

Dr Pavel MYKHAILIUK
(ENAMINE, Kyiv, Ukraine)

OC01 - A Synthetic and Predictive Approach to Unsymmetrical Biphenols by Iron-Catalyzed Chelated Radical-Anion Oxidative Coupling

Confirmed Speakers

Dr Doron PAPPO
(BEN-GURION UNIVERSITY, Beer Sheva, Israel)

OC13 - Cross Metathesis of Sulfonamides and Sulfoxides

Mr Adam RAJKIEWICZ
(UNIVERSITY OF WARSAW, Warsaw, Poland)

OC10 - Synthesis of Archazolid F and Other Novel Archazolids: Highly Potent V-Atpase Inhibitors

Mr Stephan SCHEEFF
(UNIVERSITY OF BONN, Bonn, Germany)

OC09 - Catalytic Asymmetric Synthesis of Caprazamycin B and Caprazol

Dr Takumi WATANABE
(INSTITUTE OF MICROBIAL CHEMISTRY (BIKAKEN), Tokyo, Japan)