Scientific Program

2nd European Organic Chemistry Congress

Amsterdam, Netherlands March 02-03, 2017



Conference Secretariat

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TENTATIVE PROGRAM

Day 1 - March 02, 2017

Introduction

Keynote Forum

Title: Fascinating boron-nitrogen-containing heteroaromatic compounds- Electronic structure analysis

Anna Chrostowska, Université de Pau et des Pays de l'Adour, France

Title: Peptidyl derivatives of diaryl 1-aminoalkylphosphonates as a new potential antibacterial and antiviral agents

Józef Oleksyszyn, Wrocław University of Technology, Poland

Title: Studies in natural product synthesis: Elevenol, Iodopyridone and isoquinocyclinone

Ulrich Koert, Philipps University, Germany

Title: Studies on Angolan medicinal plants

Dina Mendonça, University of Beira Interior, Portugal

Speaker Forum

Session 1: Bioorganic Chemistry | Elementary Concepts of Organic Chemistry

Title: Concise routes to fused azole heterocycles and their application in the synthesis of potential drug candidates

Neelakandha S Mani, Janssen Pharma R&D, USA

Title: One-pot synthesis of nucleotides and conjugates

Béatrice Roy, Université de Montpellier, France

Title: Multivalent recognition of GlcNAc derivatives- WGA interaction by SPR and fluorospectroscopic methods

Amrita Kumari, Saitama University, Japan

Title: Addition of pyrazoles to crotonaldehyde in the present of water

Hasmik N Khachatryan, Institute of Organic Chemistry of Scientific - Technological Center of Organic and Pharmaceutical Chemistry, Armenia

Title: Improved AdoMet analogs serve as nucleic acids labels

Milda Nainyte, Vilnius University, Lithuania

Title: Revising the narrative of ceramic and ceramic–polymer composite processing to a fast, sustainable manufacturing approach

Clive A Randall, The Pennsylvania State University, USA

Title: From discovering "calcium paradox" to Ca2+/ cAMP interaction: Impact in human health and disease

Leandro Bueno Bergantin, UNIFESP-Escola Paulista de Medicina (EPM), Brazil

Title: Synthesis and biological evaluation of hydrazone derivatives of 2-morpholinothiazole as potential anticancer agents

Sravani Sana, National Institute of Pharmaceutical Education and Research (NIPER), India

Title: β-Oxo anilides in heterocyclic synthesis: Novel synthesis of polyfunctionally pyridines, pyrimidines and other heterocyclic compounds including benzothiazole moiety

Abdel Haleem Mostafa Hussein, Sebha University, Egypt

Session 2: Green and Environmental Chemistry | Carbohydrates and Phenols | Analytical Techniques in Organic Chemistry

Title: Nazarov cyclization mediated by a chiral sulfoxide: Lewis acid induced switch of torquoselectivity
Xavier J Salom-Roig, Université de Montpellier, France
Title: Focusing on practical aspects of synthetic carbohydrate chemistry: Opportunities for simplification and innovation
Alfonso Iadonisi, University Federico II, Italy
Title: Ecofriendly synthesis of carbohydrate-derived heterocycles with potential antiproliferative activity
Verónica Luque-Agudo, Universidad de Extremadura, Spain
Title: Challenges in process development of active pharmaceutical ingredients in view of green chemistry
Kaptan Singh, Sun Pharma, India
Title: Green solid-phase peptide synthesis: Green solvents for peptide synthesis
Ayman El-Faham, King Saud University, KSA
Title: Highly active hierarchical porous nanocrystalline ZSM-5 catalyst for the environmentally friendly synthesis of acetoveratrone
Suzan A Khayyat, King Abdulaziz University, KSA
Title: Human and ecologically-friendly organic light-emitting diode
Jwo-Huei Jou, National Tsing Hua University, Taiwan
Title: Influence of additives on the properties of ceramics from electrofusion corundum
Zaw Ye Maw Oo, D. Mendeleev University of Chemical Technology of Russia, Russian Federation
Title: A mild Cu(I)-catalyzed oxidative aromatization of indolines to indoles
Mark McLaughlin, Merck Research Labs, USA
Title: Homogeneous catalysis for signal enhancement in NMR: From catalyst design to analytical applications
Bram Van Weerdenburg, Hezelburcht B.V., Netherlands
Title: Novel metal-carbon hybrid molecules: Endohedral metallofullerenes
Xing Lu, Huazhong University of Science and Technology (HUST), China
Title: Sugar-based novel chiral macrocycles for inclusion applications and chiral recognition
Ankita Singh, University of Delhi, India
Title: Synthesis of some novel class of isoxazolidine and isoxazoline derivatives using some novel class of nitrones via 1, 3-dipolar cycloaddition reaction using greener methodologies
Bhaskar Chakraborty, Sikkim Government College, India
Day 2 - March 03, 2017
Keynote Forum
Title: 1000 wastefree solid-state syntheses from 2 mmol to industrial scale and processes with 100% yield in 26 reaction types
Gerd Kaupp, University of Oldenburg, Germany
Title: Asymmetric methallylation of ketones catalyzed by a highly active organocatalyst 3, 3'-F2-BINOL and its application in synthesis of 11-β-HSD inhibitor
Yongda Zhang, Boehringer Ingelheim Pharmaceuticals, Inc., USA
Title: Synthesis of methane-linked *bis*-heterocycles containing the 1, 5-disubstituted-tetrazole moiety via Ugi-azide based methodologies
Rocío Gámez-Montaño, Universidad de Guanajuato, México
Title: Explorations in the unchartered world of 1, 4, 2-oxathiazole chemistry
Brendan A Burkett, Technology and Research (A*STAR), Singapore

Speaker Forum
Session 1: Catalysis of Organic Reactions | Bio-Chemistry and Agricultural Chemistry
Title: Strigolactones, new plant hormones with a rich future true challenges for organic chemists
Binne Zwanenburg, Radboud University Nijmegen, Netherlands
Title: Palladium tandem catalyzed 1, 5-sulfonyl migration/ suzuki-miyaura cross coupling reactions
Fatih Sirindil, University of Strasbourg, France
Title: Comprehensive transformation of alcohols catalyzed by *N*-halo organic compounds under green reaction conditions
Njomza Ajvazi, Jožef Stefan International Postgraduate School, Slovenia
Title: High-valent metal-catalyzed C-H functionalization of arenes
Xingwei Li, The Chinese Academy of Science, China
Title: Chiral octahedral complexes as catalysts for enantioselective organic synthesis
Anil kumar, Shri Mata Vaishno Devi University, India
Title: *Allium cepa.L* as acid-base indicator
Koo Thai Hau, Form 6 Centre of SMK Taman Johor Jaya 1, Malaysia
Title: Recent development in the synthesis and synthetic applications of functionalized allylic compounds
Farhat Rezgui, University of Tunis El Manar, Tunisia
Session 2: Natural Product Chemistry | Bioorganic Chemistry
Title: Allylic substitutions of secondary allylic esters: Allylic picolinates with organocopper reagents and allylic phosphates with Ar2CH anions
Yuichi Kobayashi, Tokyo Institute of Technology, Japan
Title: Synthesis of polysubstituted nicotinates and azafluorenones
Haruyasu Asahara, Kochi University of Technology, Japan
Title: Coherent-synchronized reaction of oxidation of pyridine "green oxidants" - H2O2 and N2O
Tofik M Nagiev, Nagiev Institute of Catalysis and Inorganic Chemistry, Azerbaijan
Title: (E)-and (Z)-Stereodefined parallel syntheses of multi-substituted α, β-unsaturated esters: Application to short step syntheses of both (E)-and (Z)-Zimelidines and Tamoxifens
Hidefumi Nakatsuji, Kwansei Gakuen Univ., Japan
Title: Determination of relationship between pH and acid loading in gas treatment plant (amine unit)
Hogr O Pirdawood, Gas Treatment Plant (GTP) Laboratory and Water Treatment Unit (RO System), Iraq
Title: Synthesis and biological evaluation of hybrids of 5-morpholino-4-phenylthiophene and indole/ isatin derivatives as anticancer agents
Upasana Yadav, National Institute of Pharmaceutical Education and Research, India
Title: Eugenol-based optically active polyacetylene as new smart material
Vinod Kumar Ojha, Bhupendra Narayan Mandal University, India
Title: Evaluation of toxicity of some compounds of *Azadiracta Indica*
Erwin Abdul Rahim, Tadulako University, Indonesia
Panel Discussion
Award Presentations and Closing Ceremony