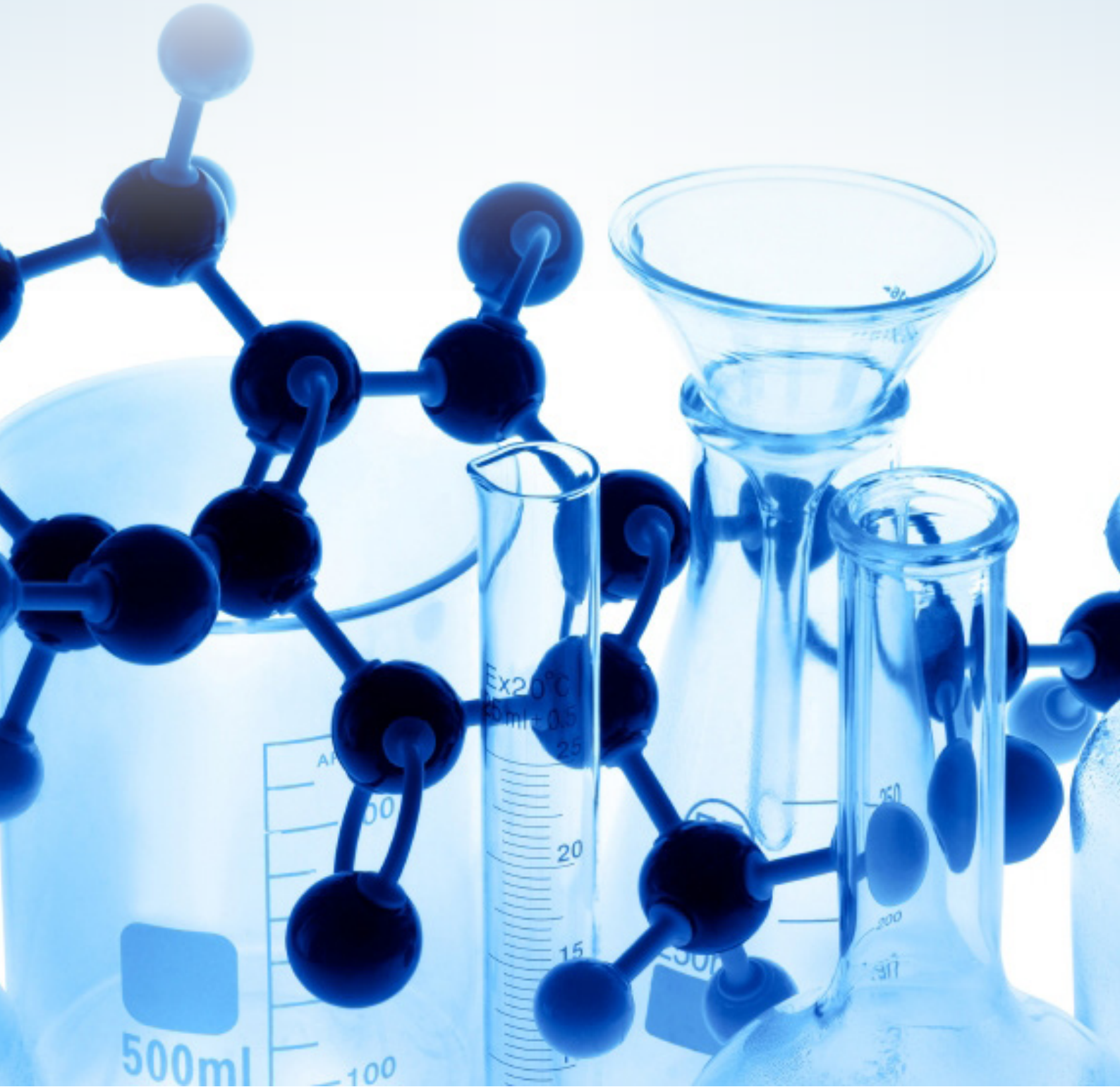
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International Conference on

Pharmaceutical Chemistry

September 05-07, 2016 Frankfurt, Germany

Scientific Program



08:30-09:00 Registrations

Room 8

conferenceseries.com 09:00-09:15 **Opening Ceremony**

Keynote Forum

09:15-09:55 **Title: The enterprise of drug discovery from an academic perspective: from concept to practice**
Stephen Hanessian, University of California, USA

09:55-10:35 **Title: A new synthetic methodology for pharmaceutical chemistry**
Valery Charushin, Ural Federal University, Russia

Networking and Refreshment Break 10:35-10:50 @ Foyer

Sessions:
Drug Discovery and Therapy | Flow Chemistry

Session Chair: Wei Li, University of Tennessee Health Science Center, USA
Session Co-Chair: Naofumi Hashimoto, Setsunan University, Japan

Session Introduction

10:50-11:10 **Title: Discovery of novel tubulin inhibitors and their synergy with BRAF inhibitors for malignant melanoma**
Wei Li, University of Tennessee Health Science Center, USA

11:10-11:30 **Title: Different targeting possibilities using nanoparticles**
Sylvia Wagner, Fraunhofer Institute for Biomedical Engineering, Germany

11:30-11:50 **Title: Photodynamic therapy and imaging based on tumor-targeted nanoprobe, pHPMA-conjugated zinc protoporphyrin, and its augmentation**
Jun Fang, Sojo University, Japan

11:50-12:10 **Title: Preparation of nanocrystal formulation to improve oral absorption of mebendazole**
Naofumi Hashimoto, Setsunan University, Japan

12:10-12:30 **Title: Perspectives of antifungal drug discovery**
Josef Jampilek, Comenius University, Slovakia

12:30-12:50 **Title: Effect of Octyl Salicylate with respect to the physical appearance of mono/di capric and caprylic fatty acids Formulations**
Siti Salwa Abd Gani , Universiti Putra Malays, Malaysia

Lunch Break 12:50-13:35 @ Flemings Restaurant

Sessions:
Prospectives of Pharmaceutical Chemistry | Advanced Organic Chemistry | Drug Discovery and Therapy | Molecular Stereochemistry

Session Chair: Alexander Cobb, University of Reading, UK
Session Co-Chair: Vânia André, Universidade de Lisboa, Portugal

Session Introduction

13:35-13:55 **Title: Synthesis of new Indan-1-one-piperazine derivatives as anticholinesterase agents**
Yusuf Özkay, Anadolu University, Turkey

13:55-14:15 **Title: New approaches for tyrosinase inhibitors: mannich bases of kojic acid derivatives**
Mutlu Dilsiz Aytemi, Hacettepe University, Turkey

14:15-14:35 **Title: From simple chemical building blocks to biological active molecules**
Raffaella Mancuso, University of Calabria, Italy

14:35-14:55 **Title: Development of xanthines as adenosine A2A receptor selective antagonists: a systematic approach towards novel nondopaminergic therapy for Parkinson's disease**
Ranju Bansal, Panjab University, India

14:55-15:15 **Title: Enzyme-catalyzed reactions**
Devrim ÖZDEMIRHAN, Abant Izzet Baysal University, Turkey

Networking and Refreshment Break 15:15-15:30 @ Foyer

15:30-15:50 **Title: New asymmetric organocatalytic methods towards the synthesis of molecules of biological interest**
Alexander Cobb, University of Reading, UK

15:50-16:10 **Title: Enantioselective, short and efficient approaches to the synthesis of drugs and biologically active compounds**
Satyendra Kumar Pandey, Thapar University, India

Panel Discussion

Day 2 September 06, 2016

Room 8

Keynote Forum

09:30-10:10 **Title: Across the blood-brain barrier: Nanoparticles**
Jörg Kreuter, Johann Wolfgang Goethe-University, Frankfurt, Germany

10:10-10:50 **Title: Promising clinical outcome of HPMA-polymer conjugated-pirarubicin (THP) [P-THP], which exerts three steps for cancer selctive delivery**
Hiroshi Maeda, Sojo University, Japan

Networking and Refreshment Break 10:50-11:05 @ Foyer

Sessions:
Drug Design and Drug Delivery | Heterocyclic Chemistry Compounds

Session Chair: Paulo Roberto Ribeiro Costa, Universidade Federal do Rio de Janeiro, Brazil
Session Co-Chair: Chunduri Venkata Rao, Sri Venkateswara University, India

Session Introduction

11:05-11:25 **Title: Synthesis and biological activities of 2-chloronicotinaldehyde based novel functionalized heterocyclic compounds**
Bhimapaka China Raju, CSIR-Indian Institute of Chemical Technology, India

11:25-11:45 **Title: Discovery of small molecule dna g-quadruplex stabilizing agents: design, synthesis and biological studies**
Mrinalkanti Kundu, TCG Lifesciences Pvt. Ltd., INDIA

11:45-12:05 **Title: Development of thienopyrimidines as potential pharmaceuticals**
Chunduri Venkata Rao, Sri Venkateswara University, India

12:05-12:25 **Title: Synthesis and biological evaluation of new carbaisoflavonoids with Anti-HCV activity**
Paulo Roberto Ribeiro Costa, Universidade Federal do Rio de Janeiro, Brazil

12:25-12:45 **Title: Discovery of novel 2-thio-imidazole derivatives as potent and orally efficacious TGR5 receptor agonists**
Sameer Agarwal, Zydus Research Centre, Cadila Healthcare Ltd., India

12:45-13:05 **Title: Design, synthesis and pharmacological evaluation of some novel de-rivatives of 1-{[3-(furan-2-yl)-5-phenyl-4,5-dihydro-1,2-oxazol-4-yl]methyl}-4-methyl piperazine**
Gita Chawla, Hamdard University, India

Lunch Break 13:05-13:50 @ Flemings Restaurant

Sessions:
Heterocyclic Chemistry Compounds | Green Chemistry

Session Chair: Asunción Barbero, University of Valladolid, Spain
Session Co-Chair: Matthias D'hooghe, Ghent University, Belgium

Session Introduction

13:50-14:10 **Title: Development of piperazine derivatives as potential cognition enhancers**
Poonam Piplani, Panjab University, India

14:10-14:30 **Title: Synthesis of oxygen and nitrogen heterocycles with potential pharmaceutical properties**
Asunción Barbero, University of Valladolid, Spain

14:30-14:50 **Title: Synthesis docking studies and biological evaluation of some novel 1,2,4-triazolo[3,4-b] [1,3,4]thiadiazole tagged thieno[2,3-d]pyrimidine derivatives**
Settypalli Triloknadh, Sri Venkateswara University, India

14:50-15:10	**Title: One pot condensation reaction of heterocyclic amine, 1, 3– diketone and an aldehydes using in situ generated superoxide ion: a rapid synthesis of structurally diverse drug- like complex heterocycles** **Sundaram Singh,** Department of chemistry IIT(BHU), India
15:10-15:30	**Title: Application of small-ring azaheterocyclic building blocks for the synthesis of pharmaceutically relevant nitrogen compounds** **Matthias D'hooghe,** Ghent University, Belgium
15:30-15:50	**Title: BioMOFs – Exploring nalidixic acid metal organic networks envisaging pharmaceutical applications** **Vânia André,** Universidade de Lisboa, Portugal
15:50-16:10	**Title: Sustainable synthesis via the integration of membranes in chemical reactions** **Dominic Ormerod ,** Flemish Institute for Technological Research (VITO NV), Belgium
16:10-16:20	**Video Presentation by Donna J. Nelson,** President of American Chemical Society, USA

Networking and Refreshment Break 16:20-16:30 @ Foyer

Poster Presentations @ 16:30-17:00

PCH001	**Title: Synthesis, molecular docking study and in vitro biological activity of carbohydrate-based peptidomimetics targeting neuropilin-1** **Nadia Pellegrini-Moïse,** Université de Lorraine, France
PCH002	**Title: [18F]Fluoro-C-glycosides to radiolabel peptides for PET imaging** **Sandrine Lamandé-Langle,** Université de Lorraine, France
PCH003	**Title: In vivo and in vitro anti-inflammatory activities of two chromones isolated from Dictyoloma vandellianum** **Luíza C. F. Opretzka,** Federal University of Bahia, Brazil
PCH004	**Title: Dynamic kinetic asymmetric transformations with hard nucleophiles: Cyclopentenes for anti tuberculosis and antibiotics** **Hadia Almahli,** University of Oxford, UK
PCH005	**Title: Synthesis and biological evaluation of novel pyrrolo[2,3-d]pyrimidine derivatives as breast anti cancer** **Khalid Hilmy,** Monufyia University, Egypt
PCH006	**Title: The role of circulating serum resistin, serum amyloid A and C-reactive protein as potential risk factors for development of type 2 diabetes mellitus** **Esmat Bauomi Ali Shahin,** Al-Azhar University, Egypt
PCH007	**Title: Water Soluble Platinum(II) Complexes: GLUT mediated cytotoxic properties and selective tumor targeting** **Ran Liu,** Tianjin University, P. R. China
PCH008	**Title: Synthesis of novel disubstituted oxadiazole derivatives and antimicrobial activity** **Serkan Levent,** Anadolu University, Turkey
PCH009	**Title: Synthesis Of new donepezil analogues and evaluation of their cholinesterase inhibitory activity** **Begüm Nurpelin Saglık,** Anadolu University, Turkey
PCH010	**Title: New Benzimidazole-Hydrazones as MAO Inhibitors** **Ozgur Devrim Can,** Anadolu University, Turkey
PCH011	**Title: Structure, intermolecular and photoinduced intramolecular hydrogen bonding in 2-azolylmethylidene cycloalkanones** **Mark Sigalov,** Ben-Gurion University of the Negev, Israel
PCH012	**Title: Synthesis and anticonvulsant activities of Novel 1-Phenyl/1-(4-chlorophenyl)-2-(1H-triazole-1-yl)ethyl ester derivative compounds** **Irem Bozbey,** Inonu University, Turkey
PCH013	**Title: Synthesis of some new benzalhydrazone derivatives and evulation of their AChE inhibitory activity *in vitro*** **Ömer Faruk ÇÖL,** Gazi University, Turkey
PCH014	**Title: Structure-antibacterial activity relationships of N-substituted-(D/L-alaninyl) 1H-1,2,3-triazolyl oxazolidinones** **Oludotun A. Phillips,** Kuwait University, Kuwait

PCH015 **Title: Synthesis and anticholinesterase effects of new 2-substituted benzothiazole derivatives**
Ümide Demir Özkay , Anadolu University, Turkey

PCH016 **Title: Anticarcinogenic effect of coadministration of α-β unsaturated compounds and quercetin**
Gabriela Carrasco Torres , CINVESTAV, México

Panel Discussion

Day 3 September 07, 2016

Room 8

Keynote Forum

09:30-10:10 **Title: Anticancer agents used in traditional chinese medicine that target prohibitins and the translation initiation factor eIF4a**
Laurent Désaubry, CNRS-Strasbourg University, France

10:10-10:50 **Title: Simultaneous extraction and determination of four different groups of pharmaceuticals in compost using optimized ultrasonic extractionand ultrahigh pressure liquid chromatography–mass spectrometry**
Miguel Ángel López Zavala, Tecnologico de Monterrey, Mexico

Sessions:
Technologies in Natural Products | Pharmacology Studies | Modern Analytical Techniques

Session Chair: Flavio S P Cardoso, Libbs Pharmaceuticals, Brazil
Session Co-Chair: Anna M Waszkielewicz, Jagiellonian University Medical College, Poland

Session Introduction

Networking and Refreshment Break 10:50-11:05 @ Foyer

11:05-11:25 **Title: Activity of some phenoxyalkyl- and phenoxyethoxyethylamine derivatives on the central nervous system**
Anna M Waszkielewicz, Jagiellonian University Medical College, Poland

11:25-11:45 **Title: Design, synthesis, and validation of an in vitro platform peptide -whole cell screening assay using MTT reagent**
Sahar Ahmed, Assiut University, Egypt

11:45-12:05 **Title: Application of in situ FTIR for the preparation of 17-α-estradiol via Mitsunobu reaction**
Flavio S P Cardoso, Libbs Pharmaceuticals, Brazil

12:05-12:25 **Title: A novel stability-indicating LC method for determination of avanafil**
Nafiz Oncu Can, Anadolu University, Turkey

12:25-12:45 **Title: The antimutagenic activity of selected medicinal plants from Jordan**
Karem Alzoubi, Jordan University of Science & Technology, Jordan

12:45-13:05 **Title: Drug chimerism as a fusion of two anticancer chemotherapeutics into one entity: Discovery of potent molecular chimera CM358 for treatment of metastatic melanoma**
Gary Gellerman, Ariel University, Israel

13:05-13:25 **Title: Phytochemical constituents from garcinia atroviridis**
Wen-Nee Tan, Universiti Sains Malaysia, Malaysia

Panel Discussion

Award & Closing ceremony

Lunch Break 13:25-14:05 @ Flemings Restaurant

Bookmark your dates

2nd International Conference on

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