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Medicinal Chemistry and Drug Design

June 14-15, 2018 Barcelona, Spain

Theme: ***Research on present and future techniques and development in Drug Design***

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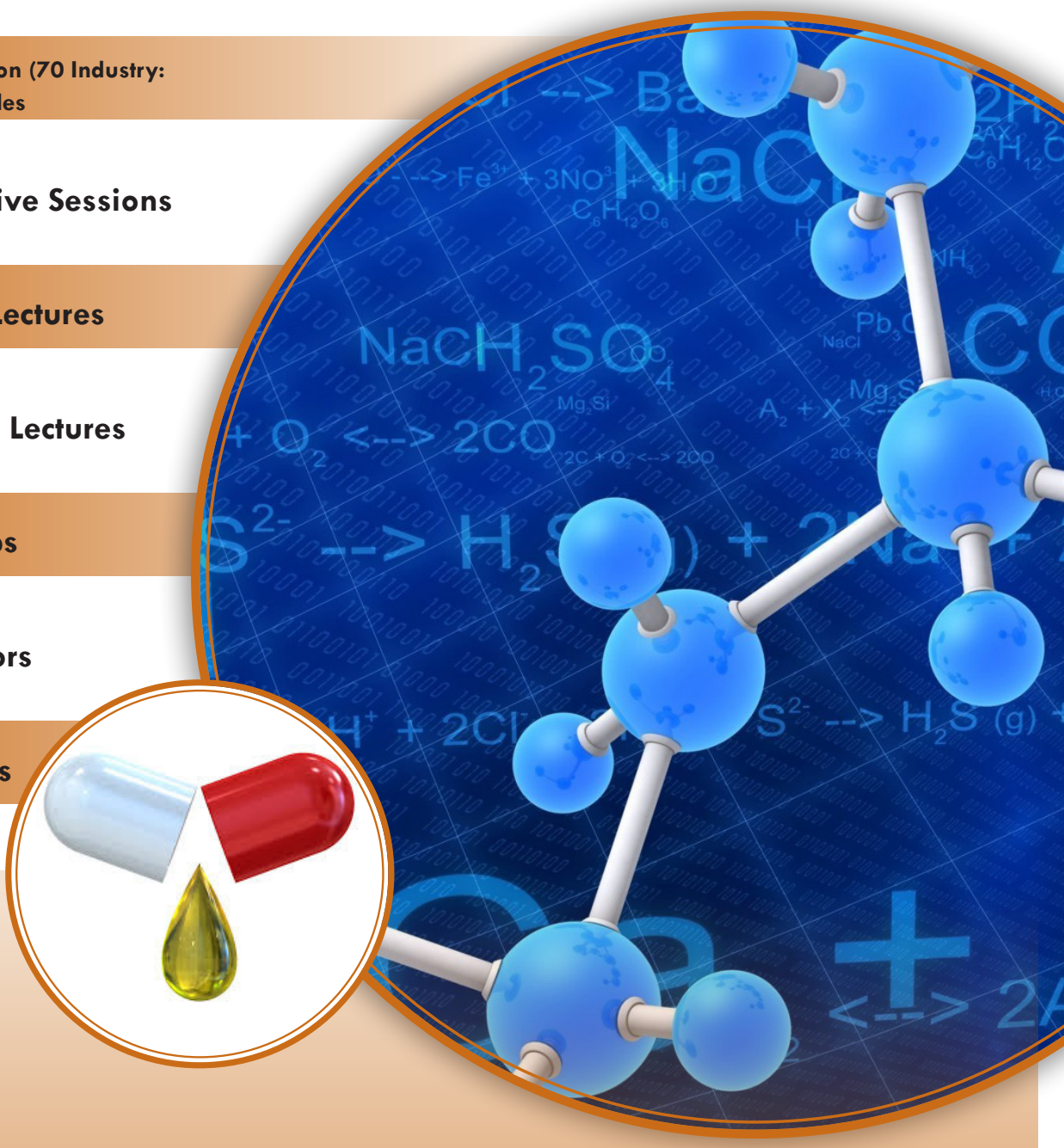
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10th World Congress on

Medicinal Chemistry

and

Drug Design

JUNE 14-15, 2018 BARCELONA, SPAIN

Tentative Program

Oral& Poster Presentations

Title: Are SAR Tables Obsolete?

Celerino Abad-Zapatero
University of Illinois at Chicago, Chicago

Celerino Abad-Zapatero, obtained his Ph. D. as a molecular crystallographer at the University of Texas at Austin and did postdoctoral work on virus and protein crystallography with Prof. M.G. Rossmann at Purdue University in the mid 1980s, solving the structure of the first icosahedral viruses. He worked for over twenty-two years at Abbott Laboratories employing and developping the tools of macromolecular crystallography for Structure-Based Drug Design (SBDD). His research is focused on the use of 'alternative variables', in particular 'Ligand Efficiency Indices' to optimize SBDD.

Title: Design, Synthesis and Biological Evaluation of Fibrate Analogues as PPAR Agonists

Letizia Giampietro
University of Chieti "G. d.Annunzio
iItaly

Dr. Letizia Giampietro has completed Degree in Pharmacy (2000) and received her PhD in Medicinal Chemistry (2003) from the University "G. d'Annunzio" of Chieti (Italy). From 2006 to date, she is Assistant Professor of Pharmaceutical Analysis. She has published more than 40 papers in reputed journals. Her research interests include medicinal chemistry and are above all focused towards the synthesis of fibrate derivatives active on Peroxisome Proliferator-Activate Receptors (PPARs). Lately, her research is direct to the synthesis of small molecules with anticancer, neuroprotective and antioxidant activity

Title: Synthesis of α-acylamino and α-acyloxy amide derivatives of desmycosin and evaluation of their antibacterial activities

Tuvshinjargal Budragchaa
Leibniz Institute of Plant Biochemistry, Germany

T. Budragchaa has completed her PhD at the University of Vienna, Austria concentrating in asymmetric synthesis and application of bronsted acid catalysis and their applications. Currently, she is doing her postdoctoral research at the Department of Bioorganic Chemistry, Leibniz Institute of Plant Biochemistry, Halle Saale. She focuses on modification of exisiting macrolide moieties to enhanced antibacterial activities and finetune the physicochemical profiles as well as modification of plant derived bioactive compounds

SPEAKER SLOTS AVAILABLE

Title: Fluorescence lifetime based assays in drug discovery

Franz-Josef Meyer-Almes
University of Applied Sciences Darmstadt, Germany

Franz-Josef Meyer-Almes has completed his PhD at the age of 28 years from University of Goettingen. He has 10 years experiences in biotech and pharma companies. He is Professor for Physical Biochemistry and has published more than 40 papers in reputed journals and holds more than 10 patents and patent applications

Title: Pharmacologic ascorbate and ferroptosis

Tamas Lorincz
Budapest University of Technology and Economics, Hungary

Tamas Lorincz is a PhD candidate in the group lead by Andras Szarka, a professor at Budapest University of Technology and Economics.

Title: Effiacy of amegdalin as natural anti-tumor drug

Walaa Fikry Elbossaty
Damietta University, Egypt

Walaa fikry Elbossaty is research fellow, Department of chemistry, faculty of science-Damietta; Egypt. She received BSc (chemistry/biochemistry), MSc in biochemistry from Mansoura University and PhD in biochemistry from Damietta University .Her research interests and focused on gastrointestinal tract and immune system. She has published more than 20 papers in reputed journals and has been serving as an editorial board member of repute

SPEAKER SLOTS AVAILABLE

Biography

Title: Stilbene-Based Compounds: From Synthesis to Biological Activities

Barbara De Filippis
University "G. d'Annunzio, Chieti, Italy

Dr. Barbara De Filippis had a degree in Pharmaceutical Chemistry and Technology in 1997 and earned her PhD in Medicinal Chemistry Sciences at the University of Chieti (Italy) in 2001, where she is currently an assistant professor of Medicinal Chemistry. Her main research topics are related to metabolic diseases and cancer and she has been published numerous publications in these fields. Her current research interests have shifted toward the synthesis of resveratrol derivatives useful as potential anticancer and antioxidants

Title: ChemoSophia online computations for drug discovery and design

Maria Grishina
South Ural State University, Russia

Maria Grishina has completed her PhD at the age of 26 years from Institute of Organic Synthesis (Ekaterinburg, Russia). She is a Principal Scientist of Laboratory of Computational Modeling of Drugs. She has published more than 35 papers in reputed journals

Title: Electrochemical Behaviour of Duloxetine HCl Drug in Formulation and Spiked Human Serum at a Carbon Paste Electrode

Youssef I. Moharram
Tanta University, Egypt

Youssef I. Moharram has completed his PhD at the age of 30 years from Tanta University in Egypt and Leeds University in U.K.(Channel System) He has published more than 25 papers ..

SPEAKER SLOTS AVAILABLE

Title: Fluorinated anti-tubulin phenyl-pyrroloquinolinones: in vitro and in vivo anticancer properties

Matteo Dal Prà
University of Padova, Italy

Matteo Dal Prà is completing his PhD at the age of 27 years at University of Padova, School of Medicine, Department of Pharmaceutical and Pharmacological Sciences.

Title: In Vitro and in Vivo Activity of Opioid Cyclopeptide with Mu/delta Agonist Profile

Katarzyna Gach-Janczak
Medical University, Poland

Katarzyna Gach-Janczak has been working in the Department of Biomolecular Chemistry (Medical University of Lodz) since 2006, first as a Ph.D. student, then assistant and now as an assistant professor. In May 2010 she defended her doctoral thesis. In 2011-2013 she completed her postdoctoral training in the Laboratory of Neuronal and Neuroendocrine Differentiation and Communication, University of Rouen (France).

Title: CoMIn to Molecular Interior. Quantum and Intermolecular Potentials Based Approaches for Rational Virtual Drug Design

Vladimir Potemkin
South Ural State University, Russia

Vladimir Potemkin has completed his PhD at the age of 35 years from South Ural State University and postdoctoral studies from Computer Chemistry Center (Erlangen-Nurnberg University, Germany). He is a Head of Laboratory of Computational Modeling of Drugs. He has published more than 80 papers in reputed journals.

SPEAKER SLOTS AVAILABLE

Biography

Title: Redirecting the thiazolidinedione (TZD) scaffold- from antidiabetic to anticancer treatment.

C. S. Ramaa

Bharati Vidyapeeth's college of Pharmacy, India

Dr. Ramaa is professor, head of department of pharmaceutical chemistry at Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai. She received her Ph. D in Pharmaceutical Chemistry from University Department of Chemical Technology in 1997 and since then she has been associated with Bharati Vidyapeeth's college of Pharmacy, Navi Mumbai. She has received several grants from renowned funding agencies like Department of Science and Technology.

Title: Targeting epigenetics: synthesis and biological evaluation of difluorinated propanediones as HMTase inhibitors

Kalpana Tilekar
Bharati Vidyapeeth's college of Pharmacy, India

Mrs. Kalpana Tilekar, is post-graduate in Pharmacuetical Chemistry, from Bharati Vidyapeeth's College of Pharmacy, Mumbai, in year 2010 and since then she is working as Assistant Professor at NCRD's Sterling Institute of Pharmacy, Navi Mumbai, India. Currently she is working as Junior Research Fellow (JRF) on a project funded by DST, India and also registered for PhD in Pharmacuetical Sciences at Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai, India.

Title: 5-Naphthylidene-2,4-thiazolidinediones: In silico studies, synthesis and primary cytotoxicity evaluation in leukemic cell lines.

Neha Upadhyay
Bharati Vidyapeeth's college of Pharmacy, India

Ms. Neha Upadhyay, is post-graduate in Pharmacuetical Chemistry, from Bombay College of Pharmacy, Mumbai, in year 2017 and currently she is working as Junior Research Fellow (JRF) on a project funded by DST, India. She has also registered for PhD in Pharmacuetical Sciences at Bharati Vidyapeeth's College of Pharmacy, Navi Mumbai, India.

SPEAKER SLOTS AVAILABLE

Title: Multicomponent access to conjugate vaccines

Yanira Méndez Gómez
Leibniz Institut for Plant Biochemistry, Germany

Yanira Méndez Gómez was born in Sancti Spíritus, Cuba, in 1990. She received her academic eduction from the University of Havana. Currently, she is a Ph.D sandwich student in the group of Prof. B. Westermann, IPB, Germany and the group of Prof. D. G. Rivera, CEPN, Cuba, dealing with the synthesis and bioconjugation of capsular polysacharides to carrier proteins and adjuvants to obtain conjugate vaccine candidates. Simultaneusly, she works as lecturer at the Department of Organic Chemistry of the University of Havana.

Title: Synthesis of 2-substituted pyrazolines as potential antimalarial and antimicrobial agents

Nitendra K. Sahu
SRK University, India

Nitendra K. Sahu has completed his MPharm from Dr HS Gour University, Sagar India and is persuing PhD from RKDF College of Pharmacy, Bhopal, India.. He has published more than 25 papers in reputed journals and has been serving as an editorial board member of repute.

Title: Development of new polymeric systems with potential applications in chronic wound treatment

Luminita Confederat
University of Medicine and Pharmacy, Romania

Luminița Confederat is a young researcher and a PhD Student at the "Grigore T. Popa" University of Medicine and Pharmacy, Iasi. She has expertise in the field of pharmaceutical chemistry, pharmaceutical technology and analytical techniques. Her research area concerns the use of biopolymers in medicine, targeting the improvement of pharmacokinetic profile of the drugs included in polymeric matrix as well as the benefits represented by the pharmacological properties of some polymers in the management of diseases likes diabetes and chronic wounds.

SPEAKER SLOTS AVAILABLE

Title: LC/ESI/QTOF Studies Of The Leaves Extract Of Kitaibelia Balansae Species

Meysun Ibrahim Abdullah
Near East University, Cyprus

Meysun Ibrahim Abdullah Was a research assistance and done his PhD and interested in Medicinal Chemistry research.

Title: : Development of 3,5-dinitrophenyl-containing heterocycles: Structure-antimycobacterial activity relationships studies

Galina Karabanovich Charles University, Czech Republic

Galina Karabanovich has completed her PhD in 2014 at the Faculty of Pharmacy in Hradec Kralove, Charles University. Currently she occupies the post-dock position at the same University. She has published 12 papers, majority of them in medicinal chemistry journals. Research interests are focused on the design and synthesis of compounds with potential antimycobacterial activity; study of the relationships between structure and antimycobacterial activity of prepared substances; synthesis of dexrazoxane analogues.

Title: Protective Effect of Garcinia Kola Extract (kolaviron) in Colon Carcinogenesis

Eboh Abraham Sisein
Niger Delta University, Nigeria

Eboh Abraham Sisein has completed his PhD at the age of 34 years from the University of Port Harcourt. He is the director of Chemopreventive and Free Radical Research Laboratories Niger Delta University Bayelsa State, Nigeria. He has published more than 10 papers in reputed journals and has been lecturing for the past nine years

SPEAKER SLOTS AVAILABLE

Title: Design, Synthesis and Biological Evaluation of Fibrate Analogues as PPAR Agonists

Letizia Giampietroa
University of Chieti
G. D. Annunzio, Italy

Dr. Letizia Giampietro has completed Degree in Pharmacy (2000) and received her PhD in Medicinal Chemistry (2003) from the University "G. d'Annunzio" of Chieti (Italy). From 2006 to date, she is Assistant Professor of Pharmaceutical Analysis. She has published more than 40 papers in reputed journals. Her research interests include medicinal chemistry and are above all focused towards the synthesis of fibrate derivatives active on Peroxisome Proliferator-Activate Receptors (PPARs). Lately, her research is direct to the synthesis of small molecules with anticancer, neuroprotective and antioxidant activity.

Title: Novel diterpene derivatives induced apoptosis in Human lung cancer cell lines in p53 independent mechanism

Ahmed Malki
Qatar University, Qatar

Dr Malki is an associate professor and Associate Dean of College of Health Sciences. Dr Ahmed M Malki received his PhD in Biochemistry in 2006 in the field of Molecular Oncology from Edison Institute of Biotechnology, Biochemistry Department, Ohio University in USA. Dr Malki awarded best publication from Biochemistry Department, Ohio University in 2005. Dr Maki held postdoctoral position at University of California Berkeley, USA via NIH grant in 2007. Dr Malki appointed as Head of Molecular therapeutics laboratories at City of Research and Technology in 2009 and Associate Professor of clinical biochemistry in Alexandria University

Title: Novel dihalo-substituted thiocarbamides as standalone agents to combat deadly tuberculosis: Design synthesis and bioevaluation

Abdulmohsen H.
Shaqra University
Saudi Arabia

Dr. Abdulmohsen H. Alrohaimi has earned his doctorate degree from Tufts University Boston USA in the area of Pharmacogenetics. He joined Saudi Food and Drug Authority as an executive director and established the infrastructure for clinical trial in the kingdom. He contributed to SFDA all his skill and expertise and initiated many educational awareness programs for the community development. Currently he is holding position of vice president of Shaqra University.

SPEAKER SLOTS AVAILABLE

Title: pharmacutical Scale and green process for the synthesis of anticancer drug Pomalidomide

Reza Hosseinpour
Tofigh Darou Research & Engineering Company, Tehran, Irann

Reza Hosseinpour has completed his PhD from Tarbiat Modares University University under the supervision of Professor Issa Yavari on reactive intermediates in the synthesis of new organic compounds, especially heterocyclic scaffolds. He accepted a research position at Cordoba University, Spain with Professor Rafael Luque, working on C-H Bond activation and oxidation reactions with heterogeneous catalysts (mesoporous materials). He currently work as R&D specialist in the Active Pharmacutical Ingredient (API) Company. He has published more than 20 papers in reputed journals.

Title: High-throughput virtual screening of chalcone compounds against diverse targets. Development and use of a specific chalcone virtual library

Arthur F.D Sarron
Rhodes University, South Africa

Arthur has completed his MSc in drug design at the Institut de Chime Pharmaceutique Albert Lespagnol, Université Lille II (France). He is completing his PhD in Chemistr at Rhodes University (South Africa).

Title: Lyso-DGTS lipid isolated from microalgae enhances PON1 activities in vitro and in vivo, increases PON1 penetration into macrophages and decreases cellular lipid accumulation

Soliman Khatib
MIGAL–Galilee Research Institute, Israel

Dr. Soliman Khatib, has completed his PhD at the age of 27 years from the Technion institute, Natural Science, Chemistry 1996-2000. BSC, from Ben-Gurion University, Natural Science, Chemistry1993-1995. Now I am a Researcher in the laboratory of oxidative stress Migal-Galilee Research institute and a Senior lecturer, Department of Biotechnology Tel-Hai academic collage. My research focus on understanding the relationship between oxidative stress and diseases related to oxidative stress, we identify volatile organic compounds (VOCs) as early biomarkers of diseases related to oxidative stress. And also to isolate and identify natural compound which improve HDL quality and functions for diseases risk of atherosclerosis disease.

SPEAKER SLOTS AVAILABLE

Title: Molecular Docking Study and Structure-Based Design of Novel Camptothecin Analogues Used as Topoisomerase I Inhibitor.

David Ebuka Arthur
Ahmadu Bello University
Zaria, Nigeria

David Ebuka Arthur has completed his PhD at the age of 30 years from Ahmadu Bello University Zaria. He is currently running his doctoral research at, Ahmadu Bello University, Zaria. He has published more than 15 papers in reputed journals and has been teaching chemistry for the past six years to both undergraduates and A-level students.

Title: Electromembrane extraction combined with capillary electrophoresis for the determination of Metoclopramide and Ondansetron in urine samples

Ehsan sadeghi Shahid
Beheshti University, Iran

He received the B.S. degree in applied chemistry from Khajeh Nasir Toosi University of Technology and was started analytical chemistry at Shahid Beheshti University under the guidance of prof. Alireza Fakhari in 2015. The Fields of research in prof. Fakhari's lab include sample preparation, enantioseparation, microextraction, electrochemistry, capillary electrophoresis and chromatography.

Title: Molecular Modeling and Synthesis of New Heterocyclic Compounds Containing Pyrazole as Anticancer Drugs.

Fiby N. Takla
Delta School Of
Pharmacy, Egypt

Fiby N.Takla has completed her master at the age of 30 from Mansoura University,Faculty of Pharmacy. She has worked at Delta University for Science and Technology, Faculty of Pharmacy as a demonstrator at pharmaceutical chemistry department. My paper was published in IJOC (International Journal of Organic Chemistry) at December 15, 2017

SPEAKER SLOTS AVAILABLE

Title: Synthesis of dihydroquinoline carboxamide derivatives, as anti-tubercular agents

Gautam Kumar
National Institute of Pharmaceutical Education and Research, India

Myself Gautam Kumar is currently pursuing PhD from the department of Natrual Products from NIPER, Mohali, S.A.S Nagar, Punjab, India. I have completed my M.Pharm in medicinal chemistry discipline from Jamia Hamdard, New Delhi, in 2011.

Title: Synthesis of Potent Antibacterial Agents Derived of N'-(1-(Phenylsulfonyl) Piperidine-4-Carbonyl)Sulfonohydrazide Derivatives (4a-V)

Hira Khalid
Forman Christian College
Lahore, Pakistan

Dr. Hira Khalid has completed her PhD in Organic Chemistry by GC University Lahore Pakistan and postdoctoral studies from University of Washington Seattle, USA. She is working as Assistant professor of Pharmaceutical Chemistry and Organic Synthesis at Forman Christian College (A Chartered University). She has published more than 25 research papers in reputed journals. She is the member of many prestigious societies including ACS, AOCS, CSP and young fellow of IUPAC since 2010.

Title: E-BABE- Sorption affinities of chromium on natural phosphate and its derivative hydroxyapatite

Kenza Fanidi Université
Mohammed V, Morocco

Kenza FANIDI is a PhD Student in chemistry, at the age of 27 years from Mohamed V University in Rabat Morocco. and. She has published more than 2 papers in reputed journals

SPEAKER SLOTS AVAILABLE

Title: How Conformational Dynamics Descriptors may help in Remodelling of Allosteric Regulation in Proteins

Tchertanov L
Centre de mathématiques et de leurs applications (CMLA-CNRS), ENS Cachan, France

Tchertanov L has graduated with M.S. in Physics from Kazan State University, URSS, completed her PhD in Crystallography from INEOS of the Academy of Sciences, URSS, and her HDR in the Life Sciences from Paris-Sud University, France. She is Research Director at CNRS and leader of the Bioinformatics, Molecular Dynamics and Modeling (BiMoDyM) team. Her research is focused on the structural and dynamical properties of macromolecules, with a special interest towards a description of allosteric regulation in proteins at an atomistic level and in development of new methods and computing tools for such description. She has over 120 peer-reviewed publications that have been cited over 2000 times, and her publication H-index is 25

Title: Synthesis of 2-substituted pyrazolines as potential antimalarial and antimicrobial agents

Nitendra K. Sahu
SRK University, India

Nitendra K. Sahu has completed his MPharm from Dr HS Gour University, Sagar India and is persuing PhD from RKDF College of Pharmacy, Bhopal, India.. He has published more than 25 papers in reputed journals and has been serving as an editorial board member of repute.

Title: Plant Macromolecule from different species of Boraginaceae family, its synthetic monomer and their anticancer efficacy

V.Barbakadze
Tbilisi State Medical University Institute of Pharmacochemistry, Georgia

1978 and 1999 has completed his Ph.D and D.Sci. at the ages of 33 and 54 years from Zelinsky Instiute of Organic Chemistry, Moscow, Russia and Durmishidze Institute of Biochemistry and Biotechnology, Tbilisi, Georgia, respectively. 2006 up to date he is the head of laboratory of plant biopolymers at the Tbilisi State Medical University Institute of Pharmacochemistry. 1996 and 2002 he has been a visiting scientist at Utrecht University (faculty of pharmacy), The Netherlands, by University Scholarship and The Netherlands organization for scientific research (NWO) Scholarship Scientific Program, respectively. He has published more than 80 papers in reputed journals.

SPEAKER SLOTS AVAILABLE

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Biography

Title: Spectroscopy analysis and antimicrobial activity of chloroform extracts from Andrographis paniculata (Burm.f) and Parquetina nigrescens

Babatunde Oluwatoyin
Ajayi Crowther University,
Nigeria

Oluwatoyin Babatunde has completed his PhD and currently working as lecturer in the Department of Chemical Sciences, Faculty of Natural Sciences, Ajayi Crowther University, Oyo, Nigeria. He has published many papers in the reputable journals and has reviewed papers for international journals.

Title: Determination of functional metabolite of Salvia argentea and evaluation of its leaves and roots antioxidant activity

Wafâa Tehami
University of Djilali Liabes,
Algeria

Wafâa Tehami was a PhD student at the University of Sidi Bel Abbès, Algeria on the level of the department of biology. I have pulished 4 papers

SPEAKER SLOTS AVAILABLE

About us

Supporting Journals

- Journal of Medicinal Chemistry
- Journal of Pharmaceutical chemistry and Drug Delivery research
- Chemical Sciences Journal

Glimpses of Medicinal Chemistry 2017













About us

Supporting Journals

- Journal of Medicinal Chemistry
- Journal of Pharmaceutical chemistry and Drug Delivery research
- Chemical Sciences Journal

Glimpses of Medicinal Chemistry 2017



Conference Highlights

- Medicinal Chemistry
- Pharmaceutical Sciences
- Drug Design and Drug Development
- CADD (Computer Aided Drug Design)
- Bioorganic and Medicinal Chemistry
- Pharmacology and toxicology
- Anticancer agents in Medicinal Chemistry
- Analytical Chemistry
- Pharmaceutical Industry
- Organic Chemistry
- Evolution of Organic and Medicinal Chemistry in Pharma
- Organic and Medicinal Chemistry Technologies for Drug Discovery
- QSAR (Quantitative Structure-Activity Relationship) Fragment-Based Drug Design
- Applications of Organic and Medicinal Chemistry in Drug Discovery
- Market Dynamics
- Conclusions and Future Trends
- Medicinal Plants
- Analytical Pharmacognosy and natural products
- Clinical Pharmacology

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Important Dates

Abstract Submission Opens: August 01, 2017

Registration Opens: August 01, 2017

Mid Registration: April 30, 2018

On Spot Registration: June 14, 2018

Venue

Barcelona, Spain

Contact:

Ashwini Lingoti | Program Manager | Medicinal Chemistry 2018

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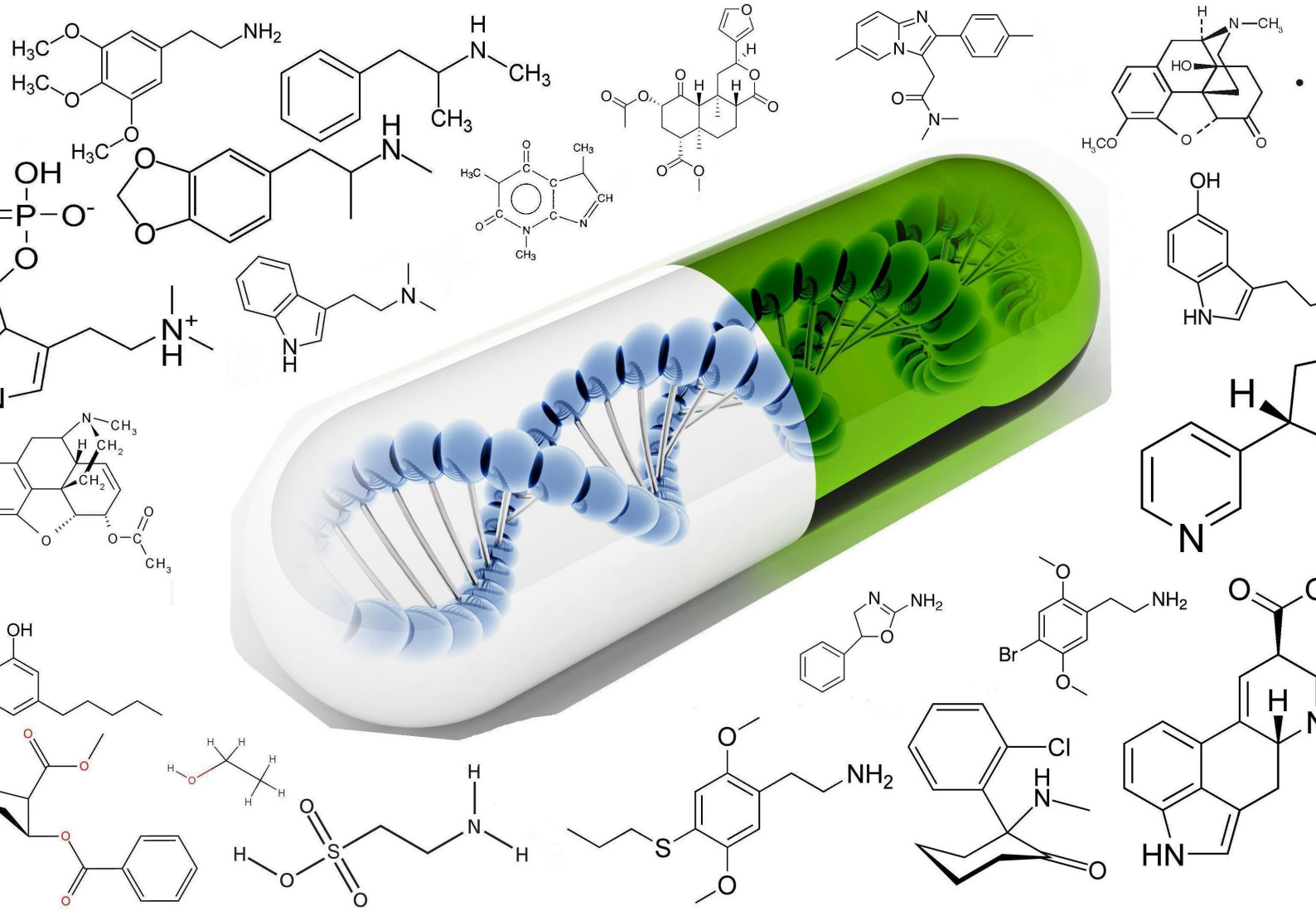
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Registrations

Barcelona 2

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Opening Ceremony

Keynote Forum

Introduction

Title: Physiology versus pharmacology

Mario Ciampolini, University of Florence, Italy

Title: A reproducible, subjective limit in intake

Gaia Cecchi, Nutrition & Prevention, Italy

Networking & Refreshments

Title: The digital biomanufacturing revolution

William G Whitford, GE Health care, USA

Sessions: Medicinal Chemistry | Pharmaceutical Sciences

Session Chair: Matteo Micucci, Alma Mater Studiorum University of Bologna, Italy

Session Co-Chair: Shimon Ben-Shabat, Ben-Gurion University of the Negev, Israel

Session Introduction

Title: Quantification of some medical preparations of the plant origin

Malkhaz Getia, Tbilisi State Medical University, Georgia

Title: Phospholipid-based prodrugs for the treatment of IBD: Drug targeting strategy

Shimon Ben-Shabat, Ben-Gurion University of the Negev, Israel

Title: Drug design via a scaffold hopping strategy: Case studies on discovery of clinical candidates H_3 receptor antagonist and ß-tryptase inhibitor

Zhongli Gao, Principal Scientist at Sanofi, USA

Title: Nutraceuticals in gastrointestinal ailments: An emerging paradigm

Matteo Micucci, Alma Mater Studiorum University of Bologna, Italy

Group Photo

Lunch Break

Title: Pathogenesis of alimentary diabetes: Recovery by loss of 20% body weight, and by attainment of initial hunger as well as of low BG before meals

Gaia Cecchi, Nutrition & Prevention, Firenze

Title: The new steroids from *Silene Montbretiana*

Hilal Kılınç, Dokuz Eylül University, Turkey

Title: Therapeutic important medicinal plants and way forward

Neeraj Tondan, Indian Council of Medical Research, India

Title: Continuous biomanufacturing of extracellular vesicles

William G Whitford, GE Healthcare, USA

Title: α,β-unsaturated compounds derived from arylamines as possible new treatment against leukemia

Sánchez-Labastida Luis Angel, National Polytechnic Institute, México

Networking & Refreshments

Sessions: Bioorganic and Medicinal Chemistry | Drug Design and Drug Development

Session Chair: Nana Gorgaslidze, Tbilisi State Medical University, Georgia

Session Co-Chair: Alexander Heifetz, Evotec Ltd, UK

Title: Development of analytical procedure for the standardization of bromelain from the pineapple (*Ananas comosus* L. Merr)

Nana Gorgaslidze, Tbilisi State Medical University, Georgia

Title: CZ415, a highly selective mTOR inhibitor showing *in vivo* efficacy in a collagen induced arthritis (CIA) model

Giovanna Bergamini, GSK company, Germany

Title: ß-Strand Mimicry: Exploring oligothienylpyridine foldamers

Jana Sopkova-de Oliveira Santos, University of Caen Normandy, France

Title: Bioactive natural products from *Symphytum (Boraginaceae)*

Lela Amiranashvili, Tbilisi State Medical University, Georgia

Title: *In Vitro* and *In Silico* studies of peptide inhibitors of antibiotic resistance enzymes

Laleh Alisaraie, Memorial University, Canada

Panel Discussion 18:15-18:30

Day 2 June 08, 2017

Barcelona 2

Keynote Forum

Title: Biosimilars; expanding the scope of biologic therapy through wider patient access

Ahmed Radwan, Pioneera Health Care Group, UK

Title: Accurate assessment of protein-ligand interaction energy in seconds with quantum mechanics

Alexander Heifetz, Evotec Ltd, UK

Networking & Refreshments

Title: Synthesis and biological evaluation of novel classes of tyrosyl-DNA phosphodiesterase 1 inhibitors as anticancer drugs

Olga I Lavrik, Institute of Chemical Biology and Fundamental Medicine, Russia

Sessions: Synthetic Organic Chemistry | Anticancer Agents in Medicinal Chemistry | Bioorganic and Medicinal Chemistry

Session Chair: Maia Merlani, Tbilisi State Medical University, Georgia

Session Co-Chair: John Yuen, School of Nursing, Hong Kong

Title: 5-Steroidal hydrazones: Synthesis and biological activity

Maia Merlani, Tbilisi State Medical University, Georgia

Title: Synthesis and characterization of 2-((4R,4aR,5aS,6S)-1,3-dioxo3m3a,4,4a,5,5a6,6a-octahydro-4,6-ethenocyclopropa[f]isoindol-2(1H)-yl)-N-(substituted phenyl) acetamides anticipated to have HIV-1 activity

Abdulmajeed AlSamarrai, University of Samarra, Iraq

Lunch Break

Poster Presentations 13:40-14:20

Poster Judge: Ahmed M. Radwan, Pioneera Health Care Group, UK

MCPP001 **Title: 5α-Steroidal amines: synthesis and biologicaly activity**

Nanuli Nadaraia, Tbilisi State Medical University, Georgia

MCPP002 **Title: Successful strategies for recruitment of african americans into clinical studies**

Jane Otado, Howard University Washington, USA

MCPP003 **Title: Synthesis of Oseltamvir Using Diels–Alder reaction of 1,3-butadiene bearing 2-carboxy and 4-alkoxy substituenes**

Szu-Han Chen, National Taiwan University, Taiwan

MCPP004 **Title: Design and synthesis of sugar phosphates for inhibition of tuberculosis maltosytransferase**

Wei-Hsin Hsu, National Taiwan University, Taiwan

MCPP005 **Title: Mapping the vibrational transition-state conformational change in enzymes for drug design**

Yun Lu, University Edwardsville Edwardsville, USA

MCPP006 **Title: Morphological and structural features of adenovirus particles by reacting with bacterial cell**

Anna Golovan, Zabolotny Institute of Microbiology and Virology of NASU, Ukraine

MCPP007 **Title: Early findings in the development of an enzymatically triggered nanoformulation**

Daniel Ehrsam, University of Basel, Switzerland

MCPP008 **Title: Pyrroles-a novel synthetic method for pyrrole derivatives from nitrodienes**

Mohamed A Elatawy, University of Milan, Egypt

MCPP009 **Title: Apoptotic mechanism of compounds with antiproliferative activity from Bursera microphylla resin**

Q B C Francisco Humberto González Gutiérrez, Universidad de sonora, Mexico

MCPP010 **Title: New 1,2,5-oxadiazole Pt(II)complex endowed with STAT3 inhibitory properties as promising anticancer agent**

Arianna Gelain, University of Milan, Italy

MCPP011 **Title: Synthesis of novel furan-based antituberculars potentially targeting the methionine aminopeptidases (*Mt*MetAP1a)**

Arianna Gelain, University of Milan, Italy

MCPP012 **Title: Study of protector effect of chemlal olive leaves extract on nephropathy induced by mercury in mouse**

Dekdouk Nadia, University of the Mentouri Brothers Constantine, Algeria

Title: Identification of thiadiazinyl-coumarin derivatives as dengue virus-2 NS2B/NS3 protease inhibitors
Hasnah Osman, Universiti Sains Malaysia, Malaysia

Title: Therapeutic effects of trehalose liposomes against carcinoma along with apoptosis *in vitro* and *in vivo*
Yoko Matsumoto, Sojo University, Japan

Title: Ganoderma lucidum-cytotoxic effects and cytokine gene induction as compared with the immunobladder® BCG in murine MB49 cells
John W M Yuen, School of Nursing, Hong Kong

Networking & Refreshments

Sessions: Medicinal Chemistry | Chemical Biology | Computer Aided Drug Design

Session Chair: Gaia Cecchi, University of Florence, Italy
Session Co-Chair: Monika I Konaklieva, American University, USA

Title: Disabling essential enzyme motion for catalysis: An efficient approach for shikimate kinase inhibition
Concepción González-Bello, Universidade de Santiago de Compostela, Spain

Title: Ezyme triggered nanomaterial for cancer therapy
Fabiola Porta, University of Basel, Switzerland

Title: A new class of b-lactam antibiotics active against drug-sensitive and drug-resistant Mycobacterium tuberculosis
Monika I Konaklieva, American University, USA

Title: Host DHFR-directed cycloguanil analogues endowed with promising activity against influenza virus and respiratory syncytial virus
Michele Tonelli, University of Genoa, Italy

Panel Discussion & Award Ceremony

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