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Pharmaceutical Chemistry

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Pharmaceutical Chemistry 2017 at Barcelona, Spain

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Glimpses of Pharmaceutical Chemistry 2016








About us

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Glimpses of Pharmaceutical Chemistry 2016



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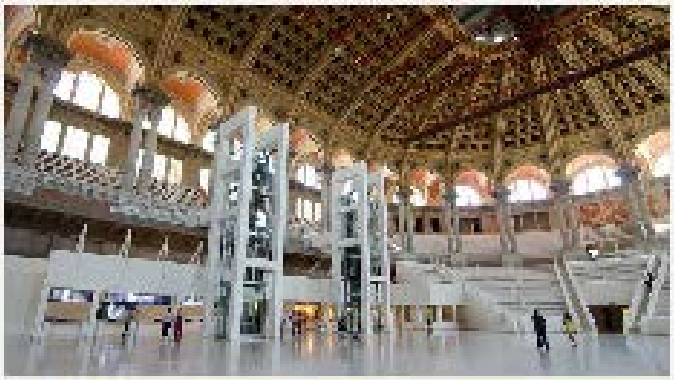
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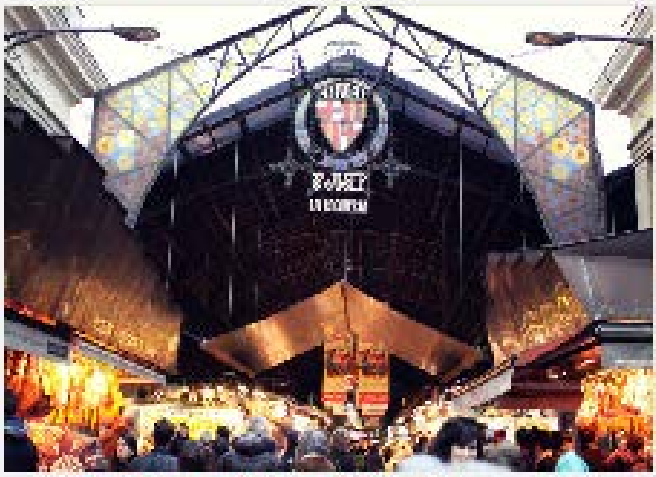
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Important Dates

Abstract Submission Opens: October 02, 2017

Registration Opens: October 15, 2016

Early Bird Registration: April 15, 2017

Mid Registration: May 31, 2017

On Spot Registration: October 02, 2017

Venue

Barcelona, Spain

Contact:

Diana Brigetha | Program Manager | Pharmaceutical Chemistry 2017

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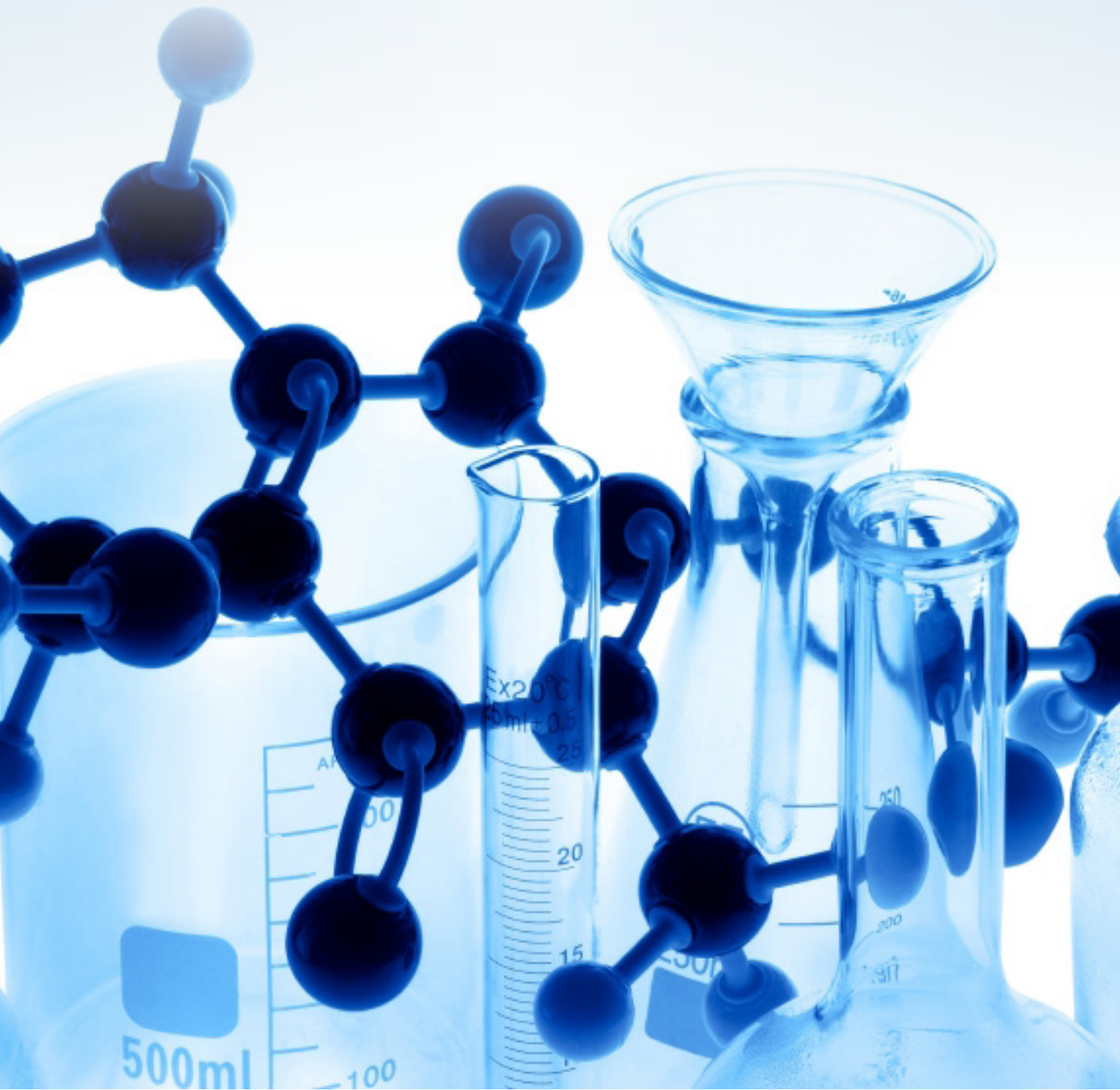
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International Conference on

Pharmaceutical Chemistry

September 05-07, 2016 Frankfurt, Germany

Scientific Program



Opening Ceremony

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

Title: A new synthetic methodology for pharmaceutical chemistry
Valery Charushin, Ural Federal University, Russia

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

Title: Different targeting possibilities using nanoparticles
Sylvia Wagner, Fraunhofer Institute for Biomedical Engineering, Germany

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

Title: Preparation of nanocrystal formulation to improve oral absorption of mebendazole
Naofumi Hashimoto, Setsunan University, Japan

Title: Perspectives of antifungal drug discovery
Josef Jampilek, Comenius University, Slovakia

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

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

Title: New approaches for tyrosinase inhibitors: mannich bases of kojic acid derivatives
Mutlu Dilsiz Aytemi, Hacettepe University, Turkey

Title: From simple chemical building blocks to biological active molecules
Raffaella Mancuso, University of Calabria, Italy

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

Title: Enzyme-catalyzed reactions
Devrim ÖZDEMIRHAN, Abant Izzet Baysal University, Turkey

Title: New asymmetric organocatalytic methods towards the synthesis of molecules of biological interest
Alexander Cobb, University of Reading, UK

Title: Enantioselective, short and efficient approaches to the synthesis o drugs and biologically active compounds
Satyendra Kumar Pandey, Thapar University, India

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

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

Title: Development of thienopyrimidines as potential pharmaceuticals

Chunduri Venkata Rao, Sri Venkateswara University, India

Title: Synthesis and biological evaluation of new carbaisofla onoids with Anti-HCV activity

Paulo Roberto Ribeiro Costa, Universidade Federal do Rio de Janeiro, Brazil

Title: Discovery of novel 2-thio-imidazole derivatives as potent and orally efficacious TGR receptor agonists

Sameer Agarwal, Zydus Research Centre, Cadila Healthcare Ltd., India

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

Title: Development of piperazine derivatives as potential cognition enhancers

Poonam Piplani, Panjab University, India

Title: Synthesis of oxygen and nitrogen heterocycles with potential pharmaceutical properties

Asunción Barbero, University of Valladolid, Spain

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

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

Title: Application of small-ring azaheterocyclic building blocks for the synthesis of pharmaceutically relevant nitrogen compounds

Matthias D'hooghe, Ghent University, Belgium

Title: BioMOFs – Exploring nalidixic acid metal organic networks envisaging pharmaceutical applications

Vânia André, Universidade de Lisboa, Portugal

Title: Sustainable synthesis via the integration of membranes in chemical reactions

Dominic Ormerod , Flemish Institute for Technological Research (VITO NV), Belgium

Video Presentation by Donna J. Nelson, President of American Chemical Society, USA

Title: Synthesis, molecular docking study and in vitro biological activity of carbohydrate-based peptidomimetics targeting neuropilin-1

Nadia Pellegrini-Moïse, Université de Lorraine, France

Title: [18F]Fluoro-C-glycosides to radiolabel peptides for PET imaging

Sandrine Lamandé-Langle, Université de Lorraine, France

Title: In vivo and in vitro anti-inflamm tory activities of two chromones isolated from Dictyoloma vandellianum

Luíza C. F. Opretzka, Federal University of Bahia, Brazil

Title: Dynamic kinetic asymmetric transformations with hard nucleophiles: Cyclopentenes for anti tuberculosis and antibiotics

Hadia Almahli, University of Oxford, UK

Title: Synthesis and biological evaluation of novel pyrrolo[2,3-d]pyrimidine derivatives as breast anti cancer

Khalid Hilmy, Monufyia University, Egypt

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

Title: Water Soluble Platinum(II) Complexes: GLUT mediated cytotoxic properties and selective tumor targeting

Ran Liu, Tianjin University, P. R. China

Title: Synthesis of novel disubstituted oxadiazole derivatives and antimicrobial activity

Serkan Levent, Anadolu University, Turkey

Title: Synthesis Of new donepezil analogues and evaluation of their cholinesterase inhibitory activity

Begüm Nurpelin Saglık, Anadolu University, Turkey

Title: New Benzimidazole-Hydrazones as MAO Inhibitors
Ozgur Devrim Can, Anadolu University, Turkey
Title: Structure, intermolecular and photoinduced intramolecular hydrogen bonding in 2-azolylmethylidene cycloalkanones
Mark Sigalov, Ben-Gurion University of the Negev, Israel
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
Title: Synthesis of some new benzalhydrazone derivatives and evulation of their AChE inhibitory activity *in vitro*
Ömer Faruk ÇÖL, Gazi University, Turkey
Title: Structure-antibacterial activity relationships of N-substituted-(D/L-alaninyl) 1H-1,2,3-triazolyl oxazolidinones
Oludotun A. Phillips, Kuwait University, Kuwait
Title: Synthesis and anticholinesterase effects of new 2-substituted benzothiazole derivatives
Ümide Demir Özkay , Anadolu University, Turkey
Title: Anticarcinogenic effect of coadministration of α-β unsaturated compounds and quercetin
Gabriela Carrasco Torres , CINVESTAV, México
Title: Activity of some phenoxyalkyl- and phenoxyethoxyethylamine derivatives on the central nervous system
Anna M Waszkielewicz, Jagiellonian University Medical College, Poland
Title: Design, synthesis, and validation of an in vitro platform peptide -whole cell screening assay using MTT reagent
Sahar Ahmed, Assiut University, Egypt
Title: Application of in situ FTIR for the preparation of 17-α-estradiol via Mitsunobu reaction Flavio S P Cardoso, Libbs Pharmaceuticals, Brazil
Title: A novel stability-indicating LC method for determination of avanafi
Nafiz Oncu Can, Anadolu University, Turkey
Title: The antimutagenic activity of selected medicinal plants from Jordan
Karem Alzoubi, Jordan University of Science & Technology, Jordan
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
Title: Phytochemical constituents from garcinia atroviridis
Wen-Nee Tan, Universiti Sains Malaysia, Malaysia

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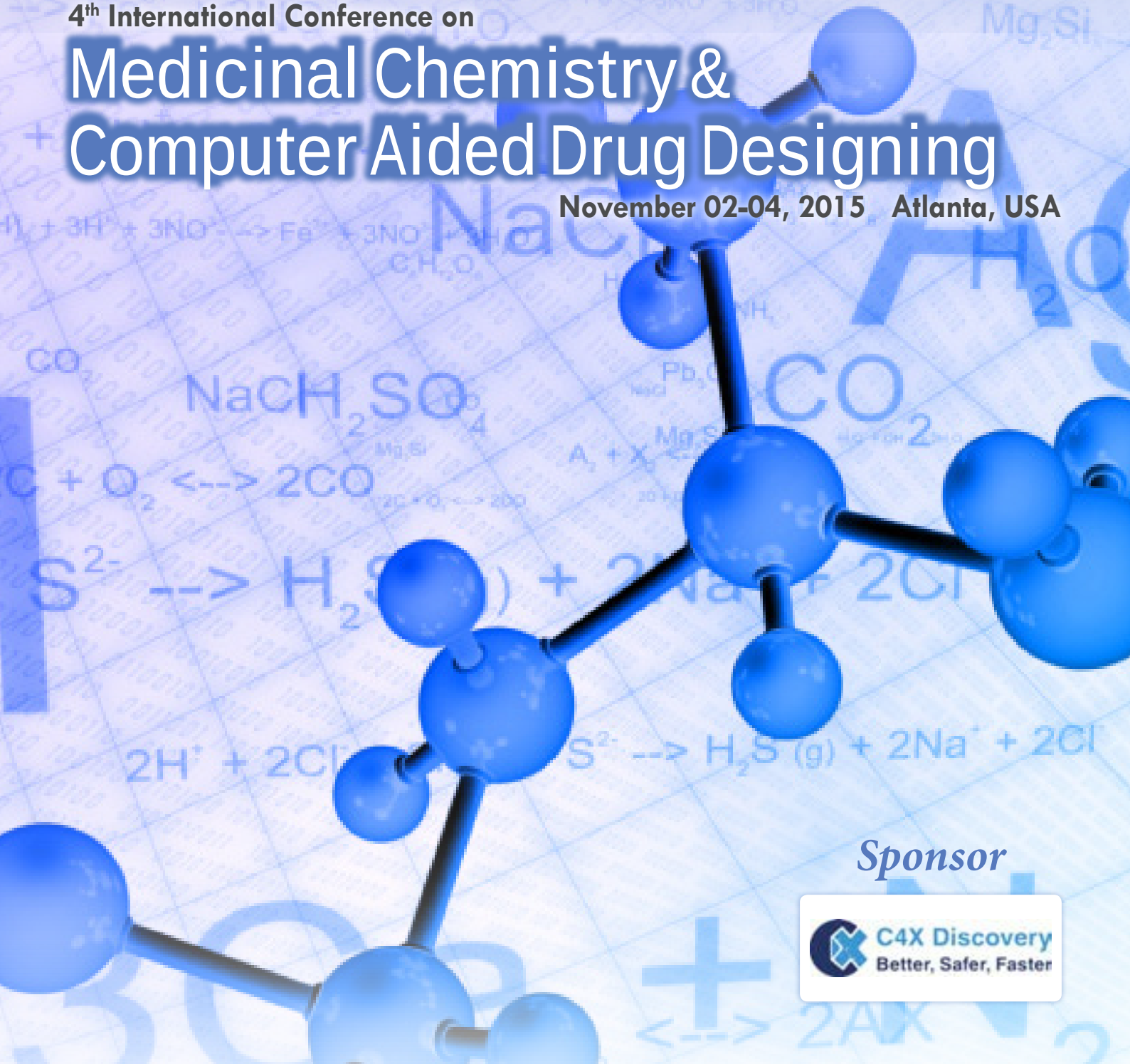
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Opening Ceremony

Introduction

Concepción González-Bello
University of Santiago de Compostela, Spain

Carsten Detering
BioSolveIT Inc., USA

Title: Novel Multiple Type and Wide Spectral Molecular Targeted Antitumor Agents: Preparation and Preclinical Evaluation of IER5/Cdc25B Targeted Phospha Sugar Derivatives as Well as Attempts of Computer Aided Drug Designing.

Mitsuji Yamashita, Shizuoka University, Japan

Title: In silico design, synthesis and biological evaluation of inhibitors of hypoxia-inducible factor (HIF-1) as antitumor agents

María Laura Lavaggi, University of the Republic, Uruguay

Title: Design of Novel, Selective and Bioavailable Ligands for Closely Related Receptors and Pharmacophores: Conformational and Topographical Considerations.

Victor J. Hruby, University of Arizona USA

"Title: Accelerated and Reliable Lead Discovery: Structure guided drug discovery ideal for collaborative projects"

Kal Ramnarayan, Sapient Discovery, LLC, USA

Title: Title: Investigating the molecular interactions between novel synthetic retinoids and the ligand-binding domains of retinoic acid receptors

Hesham Haffez, Durham University Durham

Title: How close are we to predicting binding affinity

Carsten Detering, BioSolveIT Inc., USA

Title: Ligand-based Screening for anti-Dengue Virus Inhibitor

Tatsuya Takagi, Osaka University, Japan

Title: Nanoparticles with novel methodology to treat infectious diseases

Prabagaran Narayanasamy, University of Nebraska Medical Center, USA

Title: Exploring for bioactive secondary metabolites from the Chinese medicinal mangroves

Yue-Wei Guo, Chinese Academy of Sciences, P R China

Title: Identific tion of sirtuin inhibitorsas promising anticancer agents: from screening to activity assays

Alessandra Nurisso, University of Geneva, Switzerland

Title: Development of new antibiotics targeting shikimate kinase: From concept to practice

Concepción González-Bello, Universidad de Santiago de Compostela, Spain

Title: Amylin as a Novel Contributor to Alzheimer's Disease and Natural Product Inhibitory Discovery

Bin Xu, Virginia Tech, USA

Title: Discovery of Novel Orexin-1 Selective Antagonists using NMR Guided Conformational Design

Thorsten Nowak, C4X Discovery, United Kingdom

Title: 2,3-dihydro-1H-isoindoline derivatives as novel drugs for Parkinson's disease: in silico and an in vivo evaluation

Erik Andrade Jorge, Escuela Superior de Medicina, Mexico

Title: Computer-aided drug design (CADD): Synthesis and biological evaluation of potential caspase-3 inhibitors as novel Alzheimer's disease therapy

Lucía Minini, Universidad de la República, Uruguay

Title: Synthesis and biological evaluation of novel 16-dehydropregnenolone acetate derivatives having an ester function at C-3 and triazole ring at C-21 on the 5α-reductase isoenzymes and on cancer cells lines

Aylin Viviana Silva Ortiz, Universidad Nacional Autónoma de México, Mexico

Title: Chemogenomic approaches to drug design: Docking-based virtual screening of nematode G-protein coupled receptors for potential anthelmintic agents

Rabmas Masuka, University of Cape Town, South Africa

Title: New human malaria parasite Plasmodium falciparum dihydroorotate dehydrogenase inhibitors by pharmacophore and structure-based virtual screening

Elumalai Pavadai, University of Cape Town, South Africa

Title: Poster Presentation by Alessandra Nurisso

Alessandra Nurisso, University of Geneva, Switzerland

Title: Neuroprotective compounds from Reynoutria sachalinensis

Jin Bae Weon, Kangwon National University, Korea (1)

Title: Neuroprotective compounds from embryo of Nelumbo nucifera seed

Jin Bae Weon, Kangwon National University, Korea (2)

Title: Prodrug design and synthesis of oxyresveratrol to improve bioavailability

Yen Fang Wen, Industrial Technology Research Institute, Taiwan

Title: Computational studies of dipeptidyl peptidase IV inhibitors

Dhruti Mahendrabhai Patel, Dharmsinh Desai University, India

Title: Structure based pharmacophore generation and its applications for identific tion of dipeptidyl peptidase –IV (DPP-IV) inhibitor

Khushbu Anilbhai Patel, Dharmsinh Desai University, India

Title: Oral health quality of life in children with cerebral palsy: Parental perception

Eman Anwer El Ashiry, King Abdulaziz University, Saudi Arabia

Title: Evaluation of internal adaptation of some adhesive dental resorative materials using microcomputed tomography (Micro-CT): In vitro randomized blind clinical study

Najlaa Alamoudi, King Abdulaziz University, Saudi Arabia

Title: Progesterone receptor (PGR) gene polymorphism is associated with susceptibility to preterm birth

Immaculate, University of Malaya, Malaysia

"Title: Antibacterial efficacy of an Unexplored species of Gentianaceae- Exacum pedunculatum on Escherichia coli by a Substantial Computational"

Lakshmi Huttada, Karnatak University, India

Title: Novel azetidinone derivatives as antimicrobial agents

Manal Naser Kadum Hamem, Rajiv Gandhi Univesity Of Health Science, India

Title: Synthesis, characterization and evaluation of arylamines in a murine model of obesity

Christian F. Hernández Martínez, Instituto Politécnico Nacional, Mexico

Title: 2,3-dihydro-1H-isoindoline derivatives as novel drugs for Parkinson's disease: In silico and an invivo evaluation

Erik Andrade Jorge, Instituto Politécnico Nacional, Mexico (1)

Title: Poster Presentation by Erik Andrade Jorge

Erik Andrade Jorge, Instituto Politécnico Nacional, Mexico (2)

Title: Molecular docking and in vitro assay of isoindolina-1,3-dione amine derivative as novel HDAC8 inhibitor for cancer treatment

Garcia Gamez Jesus, Escuela Superior de Medicina del Instituto Politécnico Nacional, Mexico

Title: Screening for inhibitor of recombinant Drosophila melanogaster tyramine-β-hydroxylase

Md. Nazmul Hasan, Kyushu University, Japan

Title: Rosmarinic acid potently inhibits amylin-induced neurotoxicity and amyloid formation

Paul Velander, Virginia Tech, USA

Title: Irisin as a performed monomer for adipocyte browning

Lu Zhai, Virginia Tech, USA

Title: The mode of action of new promising anticancer agents: Multifunctional polymer-ruthenium conjugates

Andreia Valente, Universidade de Lisboa, Portugal

Title: Epi-drug development targeting human G9a H3K9 methyltransferase

Yong-Hwan Lee, Louisiana State University, USA

Title: Nitrones as potential therapeutic agents against Alzheimer's Disease.

Alicia Merlino, Theoretical and Computational Chemistry Group, Uruguay

Title: Small-molecule modulators of thiamine transport in pathogenic bacteria.

Anna Hirsch, Stratingh Institute for Chemistry University of Groningen The Netherlands

Title: Synthesis, Structural Anticancer Activity Relationship, and Docking Study of Novel 5-Deazaflavi Analogs

Hamed I Ali, Irma Lerma Rangel College of Pharmacy, USA

Title: PubChem BioAssay: A public information resource supporting medicinal chemistry and drug discovery research.

Yanli Wang, National Institutes of Health, USA

Title: Ruthenium drugs for cancer therapy: Small structural changes, different in vivo performances.

Maria Helena Garcia, Faculdade de Ciências da Universidade de Lisboa Universidade de Lisboa Portugal

Title: Development of selective mechanism-based inhibitors for human Semicarbazide-Sensitive Amine Oxidase (SSAO)

Jonathan S. Foot, Pharmaxis Ltd., Australia

Title: Targeting the genome of high-risk HPVs with large hairpin polyamides: Promising novel antiviral agents

Carlos H Castaneda, University of Missouri-St. Louis, USA

Title: A combined in-vitro and in-silico studies of macrocyclic complexes of Tin(II) with potent anti-cancer, anti-inflamm tory and anti-microbial properties

Ekta Rawat, Kurukshetra University, India

Title: Development of a novel class of hyper-multi-targeted computer-aided CREKA/YIGSR

Ioannis Grigoriadis, Biogenea Pharmaceuticals Ltd, Greece

Title: The prevalence of extra root canals of maxillary first permanent molars among population in Jeddah, Saudi Arabia using Micro-Computed Tomography (Micro-CT)

Najat Farsi, King Abdulaziz University, KSA

Title: TAAR1 ligands as prospective neuroleptics: From D-neuron research

Keiko Ikemoto, Iwaki Kyoritsu General Hospital, Japan

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Registrations

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Introduction

Concepción González-Bello
University of Santiago de Compostela, Spain

Patrick Y S Lam
Drexel University, USA

Thorsten Nowak
C4X Discovery Holdings PLC., UK

Title: Predicting ligand binding affinity: A comparative study on the use of docking vs. Bayesian categorization and random forest recursive partitioning
David C Kombo, Proteostasis Therapeutics, Inc., USA
Title: *In silico* screening for anti-HPV agents using pharmacophore models
Tatsuya Takagi, Osaka University, Japan
Title: NMR driven conformational design - A powerful drug design tool
Thorsten Nowak, C4X Discovery Holdings PLC., UK
Title: Computer aided design and optimization of kinase and phosphatase inhibitors
Kal Ramnarayan, Sapient Discovery, LLC., USA
Title: The use of epitopes against schistossomiasis: The role of molecular modelling
Moacyr Comar Junior, Federal University of São João del Rei, Brazil
Title: Bacterial type II dehydroquinase enzyme: From the reaction mechanism to the structure-based design of inhibitors
Concepción González-Bello, University of Santiago de Compostela, Spain
Title: Structure-based design of covalent inhibitors or protein-protein interactions
Maurizio Pellecchia, Sanford-Burnham Institute for Medical Research, USA
Title: Revisiting INH: QSAR-based design of new anti-tubercular compounds
Filomena Martins, Universidade de Lisboa, Portugal
Title: *In vitro* COX inhibitory activity of novel α-aminoarylpropionic acid derivatives
A G Zhamharyan, Yerevan State Medical University, Armenia
Title: New developments in docking and scoring
Istvan J Enyedy, Biogen Idec, USA
Title: Comparative molecular modeling study between the pre-fusion and post-fusion conformations of newcastle disease virus: Homology modeling, and virtual screening
Mohammed A Khedr, King Faisal University, KSA
Title: Peptide-displaying phage technology in breast cancer diagnosis
Thaise Gonçalves Araújo, Federal University of Uberlandia, Brazil
Title: Discovery of small molecule blockers of protein-protein interactions using DNA-encoded small-molecule libraries
Nils Hansen, VipergenApS, Denmark
Title: Neuroprotective properties of compound isolated from *Dianthus superbus L.*
Choong Je Ma, Kangwon National University, Korea
Title: Investigation of human CA1-induced toxicity in the *Drosophila* model of motor neuron degeneration
Jian Liu, Xi'an Jiaotong-Liverpool Univeristy, China
Title: Applications of Proteochemometrics - From Species Extrapolation to Cell Line Sensitivity Modelling
Isidro Cortes-Ciriano, Bioinformatique Structurale Institut Pasteur, France
Title: Data and Compute Intensive eScience Approaches in Computational Medicinal Chemistry
Scott James Lusher, Netherlands eScience Center, Netherlands
Title: Synthesis, Biological Evaluation and 3d Qsar of some Novel Benzimidazole Derivatives as Anti Microbial Compounds
Sonal Dubey, Krupanidhi College of Pharmacy, India
Title: Research and development for preparation and preclinical evaluation of novel low-molecular-weight phospha sugar antitumor agents targeting IER5/Cdc25B
Mitsuji Yamashita, Shizuoka University, Japan
Title: Strategies to optimize and use bacterial cytochromes p450 for drug discovery & development
Nico P E Vermeulen, VU University Amsterdam, Netherlands
Title: New agonists of the CB_2 cannabinoid receptor: Discovery of a new class of analgesic compounds
Pier Giovanni Baraldi, Università di Ferrara, Italy
Title: Polar drugs
Andrew B McElroy, Eligochem Ltd., UK
Title: Drug discovery against category A-C pathogens through MEP pathway
Prabagaran Narayanasamy, University of Nebraska Medical Center, USA
Title: Discovery of novel lead compounds by large scale diverse encoded chemical libraries
Jin Li, HitGen Ltd., China
Title: *In silico* approach to predict ADME-Tox properties of small organic molecules: Challenges and opportunities for drug discovery

Maria Miteva, University Paris Diderot, France
Title: *In vivo* delivery of transcription factors with chemically modified oligonucleotide
Niren Murthy, University of California, USA
Title: Eradication of asbestos tumors *in vivo* with histone deacetylase inhibitors-polymer conjugate nanoparticles for acid-responsive drug delivery
Philippe Bertrand, Institut de Chimie des Milieux et Matériaux de Poitiers, France
Title: The σ_1 receptor as target for novel drugs
Bernhard Wünsch, Westfalian Wilhelms-University of Münster, Germany
Title: Using Computer-Aided Drug Design (CADD) techniques to optimize the natural product-derived phenylmethylidene-hydanto in scaffolds as promising antimetastatic leads
Mudit Mudit, D'Youville College School of Pharmacy, USA
Title: Design and development of small peptidomimetics of RXFP1 for the treatment of acute heart failure
Akhter Hossain, University of Melbourne, Australia
Title: Exploring pharmacological potential of Brazilian plants: SAM database-A tool for recording and comparison of molecules isolated from plants of the Brazilian semiarid
Bruno Andrade, State University of Southwest Bahia, Brazil
Title: Novel chemistry-based tools to study epigenetic enzymes in inflamm tion
Frank J Dekker, Pharmaceutical Gene Modulation, The Netherlands
Title: Current SAR on HIV: The fl w from phenotypic assays via medicinal chemistry to *in silico* design
Peter Teriete, Sanford-Burnham Institute for Medical Research, USA
Title: Structure guided design and synthesis of SAR107375A, aselective and potent dual thrombinand factor Xa inhibitor
Jerome Meneyrol, Sanofi- ventis R&D, France
Title: Molecular modeling approach to investigate the binding mode of 4-nerolidylcatechol into two subtypes of matrix metalloproteinases
Kely Medeiros Turra, University of São Paulo, Brazil
Title: Tracking anti-tumor drugs: Ruthenium(II)-cyclopentadienylcomplexes as promising agents
M Helena Garcia, Universidade de Lisboa, Portugal
Title: TAAR1 ligands as prospective neuroleptics: From D-neuron study
Keiko Ikemoto, Iwaki Kyoritsu General Hospital, Japan
Title: Small-molecule modulators of thiamine transport in pathogenic bacteria
Anna K H Hirsch, University of Groningen, The Netherlands
Title: The behavior of detergents around membrane proteins is more complex than supposed, as revealed by a new method of quantitation
Pierre Falson, IBCP, France
Title: Design of multivalent ligand for the detection and treatment of disease
Victor J Hruby, University of Arizona, USA
Title: Polymer 'ruthenium-cyclopentadienyl' conjugates: A new approach to fight cance
Andreia Valente, Universidade de Lisboa, Portugal
Title: Design of mechanistically distinct proteasome inhibitors for the treatment of multiple myeloma
Jetze J Tepe, Michigan State University, USA
Title: Molecular characterization and design of a key new hormone, irisin
Bin Xu, Virginia Tech, USA
Title: Structure-based discovery of new modulators targeting nuclear X receptor alpha for cancer therapy
Ying Su, Sanford-Burnham Medical Research Institute, USA
Title: Privileged heterocycles by palladium-catalyzed aerobic oxidative isocyanide insertion
Romano V A Orru, VU University Amsterdam, Netherlands
Title: Visual binding: A radically new concept to support the medicinal chemist's quest for innovative NMEs
Carsten Detering, BioSolve IT Inc., USA
Title: A G-quadruplex/i-motif switch in the HRAS promoter as target for anthrathiophenediones that show a strong anti-proliferative activity in urinary bladder cancer cells
Luigi E Xodo, University of Udine, Italy
Title: Multi-target approach to anti-inflamm tory drugs - *in silico* and medicinal chemistry
Eugen Proschak, Goethe-University of Frankfurt, Germany
Title: Identific tion and optimization of tertiary sulfonamides as RORc inverse agonists
Benjamin P Fauber, Genentech, Inc., USA
Title: Massive changes to the biophysical properties of DNA upon binding antiviral polyamides
Gaofei He, University of Missouri-St. Louis, USA
Title: The communion of medicinal chemistry and nanotechnology in anticancer therapeutics
Debatosh Majumdar, Glycosyn LLC., USA
Title: Evaluation of *Satureja hortensis* leaves essential oil pharmacological activities
A P Manjikyan, Yerevan State Medical University, Armenia
Title: Phytochemicals and antioxidant capacities from *Dacryodes rostrata* fruits
Prasad K N, Monash University Malaysia, Malaysia
Title: Selection and characterization of RNA aptamers targeting the genomic 5'-UTR in the dengue virus
Adriana Freitas Neves, Universidade Federal de Goiás, Brazil
Title: SurR9C84A exhibits cardioprotective effects against melphalan induced cardiotoxicityin primary human cardiomyocytes
Ajay Ashok, Deakin University School of Medicine, Australia