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Scientific Program

4th African Pharma Congress

June 20-21, 2016 Cape Town, South Africa



Hosting Organization: Conference Series LLC

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Scientific Program

Day 1 June 20, 2016

09:00-10:00 Registrations

Central 2

conferenceseries.com **10:00-10:20 Opening Ceremony**

Keynote Forum

10:20-10:30 Introduction

10:30-11:00 **Title: New transition metal complexes of Enantiomeric D- and L-Benzimidazol derivatives in presence of dinitrogen or phosphorous aromatic donors; synthesis, characterization and DNA interaction**

Sahar I Mostafa, Mansoura University, Egypt

11:00-11:30 **Title: Genetic insight into antibiotic resistance reversion in multidrug resistant tuberculosis by iodine-containing nanomolecular complex FS-1**

Oleg Reva, University of Pretoria, South Africa

Panel Discussion

Group Photo

Networking and Refreshment Break @ Foyer 11:30-11:40

Track 2: Advancement in Pharmaceutical Technology
Track 3: Industrial and Pharmacy Practic
Track 5: Pharmaceutical Chemistry
Track 6: Pharmacological Vitality of Drug

Session Introduction

Session Chair: Sahar. I. Mostafa, Mansoura University, Egypt

Session Co-chair: Eman S. El-Leithy, Helwan University, Cairo, Egypt

11:40-12:05 **Title: Toward the Cure - Multiple Myeloma**

Roman Hájek, University of Ostrava, Czech Republic

12:05-12:30 **Title: Are there simple and effective methods to improve the physical stability of amorphous drugs**

Marian Paluch, University of Silesia, Poland

12:30-12:55 **Title: Amorphous solid dispersions of APIs with crystallization inhibitors of different molecular weights**

K. Grzybowska, University of Silesia, Poland

12:55-13:20 **Title: Novel Ayurvedic Approach in the Treatment of Psychosis – An Experimental Study**

Rajeeta Joseph, Bharati Vidyapeeth University, India

Panel Discussion

Lunch Break @ Foyer 13:20-14:00

14:00-14:25 **Title: CSIR's cutting edge tools and platform technologies that accelerate drug discovery R&D.**
Boitumelo Semete, Council for Scientific and Industrial Research, Pretoria, South Africa

14:25-14:50 **Title: Non-transpeptidase binding lactams active against Mycobacterium tuberculosis**
Monika I. Konaklieva, American University, USA

14:50-15:15 **Title: An appraisal of accelerated evaluation process in the south african context**
Michael du Plooy, Forrester Pharma South Africa

Video Presentation

15:15-15:40 **Title: Discovery of active compounds from plants used as antidiabetics in traditional medicine in DR Congo**
Bakari Amuri, University of Lubumbashi, Congo

15:40-16:05 **Title: Phytochemicals in Khaya senegalensis ameliorates gastrointestinal oxidative stress associated with coccidiosis in broiler chickens**
Forcados Gilead, Ahmadu Bello University, Nigeria

16:05-16:30 **Title: Cytotoxicity and anti-inflammatory activity of the constituents from the roots of Pentas**
Nanfack Donfack Arno Rusel, University of Dschang, Cameroon

16:30-16:55 **Title: Next generation targeted recombinant human cytolytic fusion proteins**
Stefan Barth, University of Cape Town, South Africa

Day 2 June 21, 2016

Central 2

Keynote Forum

10:00-10:30 **Title: South African medicinal plants with dermatological relevance**
Namrita Lall, University of Pretoria, South Africa

Panel Discussion

Track 8: Medicinal Inception of Drugs involving Phytochemical Pharmacy
Track 10: Pharmaceutical Microbiology and Biotechnology
Track 11:Pharmaceutical Equipment and Instrumentation

Session Introduction

Session Chair: Oleg Reva, University of Pretoria South Africa
Session Co-chair: Keddon Powell, University of Strathclyde, UK

10:30-10:55 **Title: Hidden activities of known antibiotics revealed by molecular docking of batumin, mupirocin and bacillaen.**
Oleg Reva, University of Pretoria, South Africa

Networking and Refreshment Break @ Foyer 10:55-11:05

11:05-11:30 **Title: South African plants and skin cancer**
Namrita Lall, University of Pretoria, South Africa

11:30-11:55 **Title: The effect of Eucomis autumnalis osteogenic markers in vitro**
N. Mkhumbeni, Vaal University of Technology, South Africa

11:55-12:20 **Title: Application of novel continuous crystallization approaches in pharmaceutical drug manufacture**
Keddon Powell, University of Strathclyde, UK

12:20-12:45 **Title: Preclinical HIV and TB work at the CPRU**
Gert Kruger, Catalysis and Peptide Research, South Africa

Lunch Break @ Foyer 12:45-13:25

13:25-13:50	**Title: New complexes containing 2-mercaptobenzothiazole and different dinitrogen or phosphorous aromatic donors; synthesis, characterization and DNA interaction** **Sahar I. Mostafa,** Mansoura University, Egypt
13:50-14:15	**Title: Study efficacy of Krishnavajrabhraka Bhasma in chronic asthma** **Gourav Bharat Deshmane,** Bharati Vidyapeeth University, India

Poster Presentations from 14:15-15:15

AFPH001	**Title: Anti-cariogenic activity of Garcinone B from Garcinia mangostana Linn.** **Nuntana Aroonrerk,** Srinakarinwirot University, Thailand
AFPH002	**Title: Development of a double phase dosage form for enhanced peptide drug delivery** **Josia Hendrik Hamman,** North-West University, South Africa
AFPH003	**Title: Effect of transport media composition on drug solubility and permeability** **Johan Dewald Steyn,** North-West University, South Africa
AFPH004	**Title: Novel bicephalous lipids for transdermal permeation enhancement of tenofovir** **Sanjeev Rambharose,** University of KwaZulu-Natal, South Africa
AFPH005	**Title: Polymeric micelles from PEGylated oleic acid nano delivery of vancomycin** **Calvin Andeve,** University of KwaZulu-Natal, South Africa.
AFPH006	**Title: Design and synthesis of glycerol monostearate derived amphiphilic Janus type polyester dendrimers as scaffold for nano drug delivery** **Dhiraj R. Sikwal,** University of KwaZulu-Natal, South Africa
AFPH007	**Title: Synthesis and antibacterial activity of novel cationic lipids** **Mahantesh Jadhav,** University of KwaZulu-Natal, South Africa
AFPH008	**Title: Optimization and evaluation of meropenem loaded solid lipid nanoparticles** **Rahul Kalhapure,** University of KwaZulu-Natal, South Africa
AFPH009	**Title: Development and characterization of different solid lipid nanocarriers loaded with tamoxifen citrate/coenzyme Q10 bitherapy for treatment of breast cancer** **Eman S. El-Leithy,** Helwan University, Cairo, Egypt

Panel Discussion

Award Ceremony

Upcoming Related Conferences

7th Annual Global
Global Pharma Summit
August 22-24, 2016 New Orleans, USA

8th Annual
Pharma Middle East Congress
October 10-12, 2016 Dubai, UAE