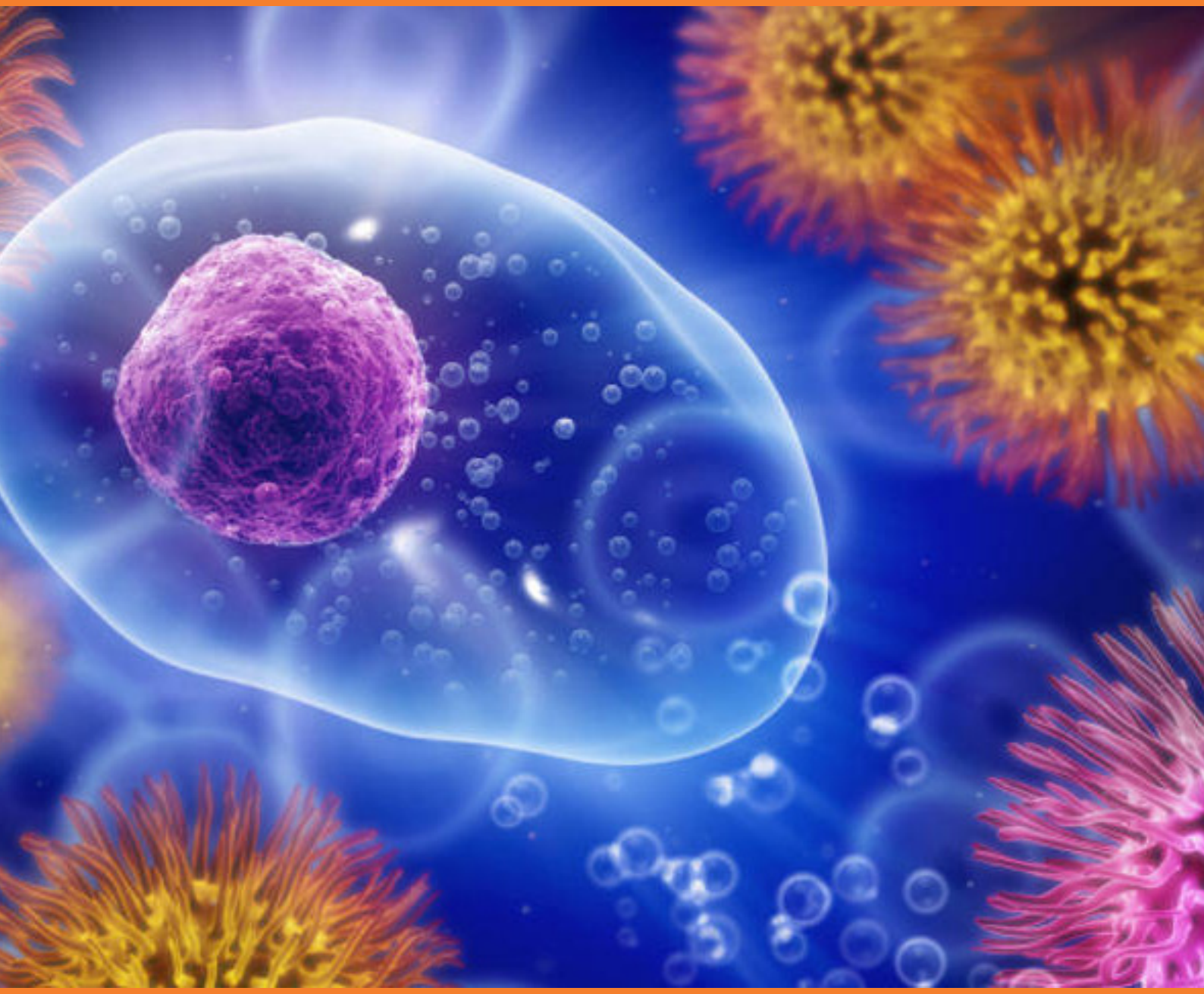
6th Edition of International Conference on

Antibiotics, Antimicrobials and Resistance



October 11-12, 2018
Edinburgh, Scotland

EuroSciCon

Agenda Day 1: October 11, 2018

Balvenie Glenmorangie

09:00-09:30 **Registrations**

09:30-09:50 Opening Ceremony

Keynote Forum

09:50-10:00 Introduction

10:00-10:30 **Title: The hollow fiber infection model: Principles and practice**

John James Stewart Cadwell, FiberCell Systems Inc, USA

10:30-11:00 **Title: The natural killer cell: Discovery and the use of supplements to enhance NKC activity**

Jerry T Thornthwaite, Cancer Research Institute of West Tennessee, USA

Networking and Refreshments 11:00-11:15 @ Academy Lounge

Session Introduction

Sessions: Discovery of Antibiotics | Antibiotic Therapy | Antibiotic Resistance and Prevention | Antimicrobial Resistance | Alternatives to Antibiotics | Antimicrobial Peptides | Antibiotics for Emerging and Re-Emerging Diseases

Session Chair: Jerry T Thornthwaite, Cancer Research Institute of West Tennessee, USA

Session Co Chair: Lovisa Ringstad, RISE Research Institutes of Sweden, Sweden

11:15-11:40 **Title: Growth curve of *Diploccoccic S. pneumoneae* and an alternative preventive therapy**

Sunil Palchaudhuri, Wayne State University School of Medicine, USA

11:40-12:05 **Title: The emergence of bacterial resistance to nanoparticles**

Cindy Gunawan, University of Technology Sydney, Australia

12:05-12:30 **Title: A novel class of plant derived antibiotics active against MRSA and VRSA**

George Hanna, Medical Univeristy of South Carolina, USA

12:30-12:55 **Title: Silver nanoparticles - chance of bacterial resistance overcoming?**

Libor Kvitek, Palacky University, Czech Republic

Group Photo

Lunch Break 12:55-13:55 @ Traders Restaurant

13:55-14:20 **Title: Antibiotic prescription - Are we checking ourselves?**

Mihir Yatin Trivedy, Chorley and South Ribble Hospital, UK

14:20-14:45 **Title: *Candida* vaginitis: Immuneresponses and vaccine prospects**

Flavia De Bernardis, Higher Institute of Health, Italy

14:45-15:10	**Title: Biochemical and structural study of colicin M and its orthologues targeting peptidoglycan biosynthesis: Potential use as novel antibiotics** **Libera Latino,** University of Paris-Saclay, France
15:10-15:35	**Title: Antimicrobial activity of chemerin-derived peptide p4 is dependent on dimerization through disulfide bonds** **Urszula Godlewska,** Jagiellonian University, Poland

Networking and Refreshments 15:35-15:50 @ Academy Lounge

15:50-16:15	**Title: Antimicrobial resistance in commensal *Escherichia coli:* Temporal changes in cohorts of pigs on farms either routinely using or not using in-feed antimicrobials and occurrence of resistant strains in pork** **Nuvee Prapasarakul,** Chulalongkorn University, Thailand
16:15-16:40	**Title: Antimalarial drug sensitivity and polymorphisms in gametocyte gene-Pfg377 in *Plasmodium falciparum* field isolates from Mewat, India** **Vineeta Singh,** ICMR - National Institute of Malaria Research, India
16:40-17:05	**Title: Antimicrobial effect of doped ZnO nanoparticles against clinical isolates** **Farzana Rashid,** Lahore College for Women University, Pakistan

Panel Discussion

Day 2: October 12, 2018

Balvenie Glenmorangie

Keynote Forum

10:00-10:30	**Title: Attacking bacterial pathogens using nanoparticle-based approaches: Steps and hurdles** **Alan W Decho,** University of South Carolina, USA
10:30-11:00	**Title: Innovative nanoformulation of antimicrobial peptides** **Lovisa Ringstad,** RISE Research Institutes of Sweden, Sweden

Networking and Refreshments 11:00-11:15 @ Academy Lounge

Poster Presentations 11:15-12:15 @ Academy Lounge

Poster Judge: Lovisa Ringstad, RISE Research Institutes of Sweden, Sweden

ANTBP001	**Title: The novel fluoroquinolone finafloxacin protects mice against an inhalational exposure to *Burkholderia mallei*** **Adam Whelan,** Defence Science and Technology Laboratory, UK
ANTBP002	**Title: Problem perception of antibiotic resistance and driving forces behind non-prudent use of antibiotics among hungarian health care professionals** **Andrea Szabo,** University of Szeged, Hungary
ANTBP003	**Title: Striking features and complex regulation of polyketide antibiotic auricin from *Streptomyces lavendulae subsp. lavendulae* CCM 3239** **Jan Kormanec,** Institute of Molecular Biology, Slovak Republic
ANTBP004	**Title: Synthetic biology approach for biosynthesis of aromatic polyketide antibiotics** **Renata Novakova,** Institute of Molecular Biology, Slovak Republic

ANTBP005	Title: The beneficial effect of educational interventions on antimicrobial use in a time of shortage **Alex Maughan,** Papworth Hospital, UK
ANTBP006	Title: Creating certainty in the world of uncertainty: A systematic review and meta-ethnography to understand doctors views and experiences of antibiotic prescribing in acute hospitals **Gosha Wojcik,** Edinburgh Napier University, UK
ANTBP007	Title: Multifunctional polycyclic amines as antimycobacterials: Exploring mechanism of action and resistance reversal possibilities in *Mycobacterium tuberculosis* **Erika Kapp,** University of the Western Cape, South Africa
ANTBP008	Title: Biochemical and structural study of colicin M and its orthologues targeting peptidoglycan biosynthesis: Potential use as novel antibiotics **Helene Barreteau,** University of Paris-Saclay, France

Lunch Break 12:15-13:15 @ Traders Restaurant

Session Introduction

Sessions: Antibiotics of Veterinary Importance | Antibiotics Overuse and Resistance | Antimicrobial Resistance | The Next Generation Approach of Antibiotics | Antimicrobial Peptides | Mechanisms of Antibacterial Resistance | Alternatives to Antibiotics

Session Chair: Alan W Decho, University of South Carolina, USA

Session Co Chair: Libor Kvitek, Palacky University, Czech Republic

13:15-13:40	Title: Are probiotics and related strategies useful as alternative treatment to antibiotics in chronic enteropathy in dogs? **Silke Salavati,** University of Edinburgh, UK
13:40-14:05	Title: Tackling antibiotic resistance: Assessing prescribing of trimethoprim in a GP setting- a retrospective audit **Lakhbir Kaur,** University of Central Lancashire, UK
14:05-14:30	Title: Molecular characterisation of virulent *Escherichia coli* O157: H7 isolated from cattle using pulsed field gel electrphoresis **Collins Njie Ateba,** North West University, South Africa
14:30-14:55	Title: Substandard antibacterial agents in the formal and informal medicine outlets in Ghana: Still myth or reality? **Samuel Oppong Bekoe,** Kwame Nkrumah University of Science and Technology, Ghana
14:55-15:20	Title: Occupational exposure of healthcare workers to antibiotics **Paul J M Sessink,** Exposure Control Sweden AB, Sweden
15:20-15:45	Title: Antibiotic resistance is a global concern **Reza Nassiri,** Michigan State University, USA

Networking and Refreshments 15:45-16:00 @ Academy Lounge

Awards & Closing Ceremony

Mark your Calendar

8th Edition of International Conference on

Antibiotics, Antimicrobials and Resistance

October 21-22, 2019 Rome, Italy

E-mail: antibiotics@conferencesguide.org; antibiotics@eurosciconmeeting.org

Website: antibiotics-microbial.euroscicon.com