

IBICS-5

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#IBICS5



26th November 2021

11:00-11:10 Opening – Prof. Michael Devereux IBICS President

Session 1 - Chairperson: Prof. Orla Howe

Keynote Presentation

11:10-11:35 Dr. Luca Ronconi (NUIG): *Tale of a successful failure: gold(III)-glycoconjugates as antiviral agents against SARS-CoV-2*

Oral Presentations

11:35-11:45 Dr. Muireann Fallon (RCSI): *Investigating two light-activated, singlet oxygen producing iridium complexes as novel antibacterial agents*

11:45-11:55 Dr. Joseph Byrne (NUIG): *Carbohydrate-functionalised metal complexes: targeting carbohydrate-binding proteins for therapeutic and sensing applications*

11:55-12:05 Eoin Moynihan (MU): *Click Pt(IV)-carbohydrates pro-drugs for treatment of osteosarcoma*

12:05-12:15 Ahmed Ahmed (NUIG): *A Biocompatible Zn(II) Metal-Organic Framework with Exceptional Doxorubicin Delivery Potential*

Plenary Presentation

12:15-13:05 Prof. Bill Keevil (University of Southampton): *The antimicrobial mechanisms of copper materials and relevance to healthcare in this age of coronavirus*

Flash Presentations

13:05-13:25 Ioannis Titilas (NUIG), Hollie Jenkins (TUD), Rhianne Curley (DCU), Darragh McHugh (NUIG).

13:25-14:00 Lunch

Session 2 - Chairperson: Prof. Celine Marmion

Plenary Presentation

14:00-14:50 Prof. Edith (Phoebe) Glazer (University of Kentucky): *Using Light and Ru(II) Polypyridyl Complexes for Targeting Cytochrome P450 1B1 to Restore Chemotherapeutic Efficacy*

Oral Presentations

14:50-15:00 Magdalena Piatek (MU): *Exposure of Candida parapsilosis to the silver(I) compound SBC3 induces alterations in the proteome inhibiting protein synthesis and reducing virulence*

15:00-15:10 Neville Murphy (NUIG): *Metallacarboranes: a versatile new player in biomedicine*

15:10-15:20 Sinead O'Carroll (DCU): *The Development of Trackable Polynuclear Platinum(II) Compounds for Targeted Anticancer Applications*

15:20-15:30 Luke Brennan (MU): *Synthetic anion transporters exploit chloride transport as a vector for rapid and potent bactericidal activity against Gram-positive bacteria.*

Keynote presentation

15:30-15:55 Prof. Mary Pryce (DCU): *Photo-activated antimicrobial materials; from metal complexes to metal free polymers*

Plenary Presentation

15:55-16:45 Prof. Angela Casini (Technical University Munich): *Supramolecular coordination complexes for biomedical applications: a new generation of targeted drug delivery systems and theranostic agents*

Session 3 - Chairperson: Dr. Luca Ronconi

16:45-17:05 *Presentation of the IBICS Postgraduate Gold Medal Award 2021 to Lorna Doyle (TCD) and Award Lecture*

17:05-17:15 Prof. Michael Devereux: *Award Ceremony and Closing*

17:15-17:45 Annual General Meeting