



THE UNIVERSITY OF  
**WESTERN  
AUSTRALIA**



## ITALIAN SCIENTISTS DOWN UNDER

4<sup>th</sup> November 2016

University Club, The University of Western Australia, Perth

CHAIR: Prof. Oscar Moze, Science Attaché, Embassy of Italy, Canberra

**09:30** *Registration*

**09:50** *Opening and Welcome* **David Balloni**, Consul of Italy, Perth

**10:00** *The Australian Academy of Science and its international engagement* **Professor Cheryl Praeger**, Foreign Secretary, Australian Academy of Science

**10:15** *Italy's Science Diplomacy* **Oscar Moze**, Science Attaché, Embassy of Italy, Canberra

**10:30** **Morning Coffee**

**11:00** *Breaking barriers for endangered wildlife down under: what's the use?* **Roberta Bencini**, School of Animal Biology, Faculty of Science, The University of Western Australia

**11:20** *About eggs and sperm: studying female-male interactions in an evolutionary framework*  
**Clelia Gasparini**, Centre for Evolutionary Biology, School of Animal Biology, The University of Western Australia

**11:40** *Targeting Metabolic Signalling: From the lab to the Clinic* **Marco Falasca**, Metabolic Signalling Group, School of Biomedical Sciences, Faculty of Health Sciences, Curtin University

**12:00** *Little creatures at the crime scene: how micro & macro-organisms can help the investigations*  
**Paola Magni**, Molecular & Biomedical Sciences Cluster, School of Veterinary & Life Sciences, Murdoch University

**12:20** *University of Western Australia Global Engagement: Focus on Italy* **Professor Peter Davies**, Pro Vice-Chancellor (Research), The University of Western Australia

**12:30** **Lunch**

**14:00** *Neuroprotective properties of poly-arginine peptides following stroke* **Diego Milani**, Health Sciences/Notre Dame University and Western Australian Neuroscience Research Institute

**14:20** *To see the world in a grain of sand: microanalytical studies reveal big geological stories* **Claudio Delle Piane**, CSIRO Petroleum, Perth

**14:40** *Studying gas in galaxies with the Square Kilometre Array and its precursors* **Barbara Catinella**, International Centre for Radio Astronomy Research, The University of Western Australia

**15:00** *Resolving galaxy evolution with state-of-the-art Australian integral field spectroscopic surveys* **Luca Cortese**, International Centre for Radio Astronomy Research, The University of Western Australia

**15:30** **Afternoon Coffee**

**16:00** *Infrared technologies for spectroscopy and imaging* **Lorenzo Faraone**, Director, Western Australian Centre for Semiconductor Optoelectronics and Microsystems (WACSOM), The University of Western Australia

**16:20** *Growth of biominerals through computer simulation: Linking the nanoscale to the macroscale* **Raffaella DeMichelis**, Nanochemistry Research Institute, Curtin Institute for Computation, Department of Chemistry, Curtin University

**16:40** *Analytical and diagnostic validation of biomarkers in veterinary medicine* **Gabriele Rossi**, School of Veterinary and Life Sciences, Murdoch University

**17:00** *Immunity and reproduction in social insects* **Ryan Dosselli**, Centre for Integrative Bee Research, The University of Western Australia

**17:30** *Wrap up and Conclusions*