



BIOIRON 2023

DARWIN, AUSTRALIA

27th-31st August 2023

9th CONGRESS OF THE INTERNATIONAL SOCIETY FOR THE STUDY OF IRON IN BIOLOGY AND MEDICINE

Sunday 27th August 2023 - Educational Day

Iron Fundamentals for Clinicians and Scientists

Session 1 – Basic Principles

- The biological chemistry of iron - **Esthi Meyron-Holtz**, *Technion City, Haifa, Israel*
- Intestinal iron absorption - **Jamie Collins**, *University of Florida, Gainesville, USA*
- Regulation of cellular iron homeostasis - **Caroline Philpott**, *National Institutes of Health, Washington DC, USA*
- Mechanisms of systemic iron homeostasis - **Martina Muckenthaler**, *University of Heidelberg, Heidelberg, Germany*

Session 2 – Iron insufficiency and iron excess

- Nutritional anaemia and its global impact - **Sant-Rayn Pasricha**, *WEHI, Melbourne, Australia*
- Diagnosis and management of haemochromatosis - **Edouard Bardou-Jacquet**, *CHU Rennes, Rennes, France*
- Iron loading anaemias – **Laura Silvestri**, *San Raffaele Scientific Institute, Milan, Italy*
- Diagnosing and treating iron disorders - **Yelena Ginzburg**, *Icahn School of Medicine, New York, USA*

Session 3 – Iron and Disease

- Iron and chronic liver disease - **Darrell Crawford**, *University of Queensland, Brisbane, Australia*
- Iron and neurodegeneration - **Scott Ayton**, *Florey Institute, Melbourne, Australia*
- Iron, ferroptosis and cancer - **Shinya Toyokuni**, *Nagoya University, Nagoya, Japan*
- Iron and infection/COVID - **Alexander (Hal) Drakesmith**, *University of Oxford, Oxford, UK*

