

## CONGRESS OF THE INTERNATIONAL SOCIETY FOR THE STUDY OF IRON IN BIOLOGY AND MEDICINE.

We wish to inform you of the 9th BIOIRON Conference which will be held at the Darwin Convention Centre, Northern Territory, Australia on the 27 – 31 August 2023. See the [conference website](#) for more information including the most updated conference program and how to register.

Topics and themes that will be discussed include:

- Aging, chronic disease and iron
- Ferroptosis
- Future challenges in bioiron
- Global impact of altered iron levels
- Heme biology and erythropoiesis
- Iron and central nervous system
- Iron deficiency and nutrition
- Iron homeostasis in model organisms
- Iron, immunity and infection
- Iron metabolism in major organ systems (hear, kidney, liver)
- iron supplementation: benefits and consequences
- Iron, tissue injury and cancer
- Iron transport and trafficking
- Iron-loading anemias
- Mitochondrial iron metabolism
- Novel targets and therapies for iron-related disorders
- Oxygen and iron
- Perinatal iron homeostasis
- Primary iron overload
- Structure and function of iron-related proteins
- The IRE/IRP system and cellular iron regulation
- President's session
- New discoveries in iron metabolism

### INTRODUCTORY COURSE: ESSENTIALS OF BIOIRON FOR CLINICIANS AND SCIENTISTS

The conference will begin with an Educational Day on Sunday, the 27<sup>th</sup> August 2023. Sessions include:

1. Basic Principles
2. Iron insufficiency and iron excess
3. Iron and disease

For more details on the Invited Speakers for this Course please go to the [conference website](#).

### KEYNOTE SPEAKERS



**MARCUS CONRAD**  
Helmholtz Zentrum München,  
Germany  
*Ferroptosis*



**PAUL ADAMS**  
Western University, Canada  
*Iron overload*



**ELIZABETA NEMETH**  
UCLA, USA  
*Hepcidin*

## PLENARY SPEAKERS



**FRANCESCA VINCHI**  
New York Blood  
Center



**HOSSEIN ARDEHALI**  
Northwestern  
Medicine



**TOM VANDEN  
BERGHE**  
University of Antwerp



**SARAH ATKINSON**  
KEMRI Wellcome Trust



**Raphael Rodriguez**  
CNRS – Institut Curie

## REGISTER NOW

Purchase your tickets by 15<sup>th</sup> May 2023 (ACST UTC+9:30) via [the conference website](#) to take advantage of the early bird conference registration.

Bring your partner & family along and have them join the welcome reception, jumping crocs tour and the conference dinner. Information on accompanying person registrations and additional conference dinner tickets can be found on the [conference website](#).

## PRESENT A POSTER PRESENTATION

Share your research and expertise at the conference! Submit your abstracts to present a **poster presentation** via the [online portal](#). Abstract submissions for oral presentations have now closed.

If you have any questions, please contact [bioiron@associatedadvertising.com.au](mailto:bioiron@associatedadvertising.com.au)

We hope to see you in Darwin!

Sincerely,

Profs V. Nathan Subramaniam, Grant A. Ramm and Gregory J. Anderson  
on behalf of the Local Organising Committee and the BioIron Society Board.



**BIOIRON 2023**  
Ninth Congress of the International Society  
for the Study of Iron in Biology and Medicine  
27<sup>th</sup>-31<sup>st</sup> August 2023 – DARWIN, AUSTRALIA

