



Iron Summit 2018

The Cutting Edge in Treating Iron Disorders

Innsbruck, 6th September 2018

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 **the European Iron Club**
For Professionals in Biomedical Inorganic Iron

Iron Summit 2018



Cutting-edge clinical science with the latest
developments and trends in iron metabolism

6. September 2018
Innsbruck, Austria



*„Gold is for the mistress – silver for the maid
Copper for the craftsman cunning at his trade.“
„Good!“ said the Baron, sitting in his hall,
„But iron – cold iron – is master of them all.“*

Rudyard Kipling

The European Iron Club exists to foster communication and collaboration among biomedical scientists and clinicians whose work is concerned with iron. Europe-based research groups cover a wide variety of iron-related topics, ranging from iron biochemistry to the genetics of iron metabolism and the treatment of iron-associated human diseases.

The traditional ethos of the European Iron Club is to generate a relaxed, open environment to encourage the development of young researchers and the forging of worthwhile links between iron scientists.

The European Iron Club generally hosts meetings on an annual basis, which consist of a mixture of scientific presentations and informal discussion and social gatherings. Exceptions are those years when the International BiIron Society holds a congress in a European location; at such BiIron meetings, the EIC stages a cocktail party.

If you would like to become a member of the EIC, contact the Secretary:

Dr. Hal Drakesmith
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REGISTRATION

Regular (academic)	50 €
Student	40 €
Industry	100 €

* Registered students have to provide an official confirmation about their training status.

** Fees are covered for chairmen and speakers.

Registration fee includes: Admission to all scientific sessions
Admission to exhibition
Conference programme
Coffee breaks and lunch

Not included in the registration fee (book online – Events and Networking):

Welcome Reception on September 5, 2018	10 €
Conference Dinner on September 6, 2018	30 €

ORGANIZERS

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VENUE

Townhall Innsbruck

Maria-Theresienstraße 18
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CONGRESS WEBSITE

<http://ironmasterclass.eu>

SCIENTIFIC PROGRAM

September 5, 2018

- 19:00 Bustransfer from Hotel The Penz front entrance
19:30-23:00 **Welcome Reception – Castle Ambras**
23:00 Bustransfer back to Hotel The Penz

September 6, 2018

- 8:00 Start of registration
- 8:30 – 10:00 Diagnosing Hemochromatosis**
Chair: G. Weiss & A. Pietrangelo
- 8:30-8:50 Hemochromatosis case definition & disease staging
Integrating clinical, biochemical, genetic and Radiologic findings
E. Corradini
- 8:55-9:15 Iron and fibrosis progression in hemochromatosis and fatty liver disease
What is the potential of iron reduction?
J. Ryan
- 9:20-9:50 Iron and functional magnetic resonance imaging:
Quantifying Iron and Imaging Iron mediated Organ Damage
B. Henninger & A. Viveiros
- 9:55-10:15 Reading, interpreting and reporting the test result from NGS
The needle in the haystack?
A. Janecke
- 10:15-10:45 Break

10:45 – 12:00 How Do I Treat...?

Chair: E. Corradini & I. Cabantchik

10:45-11:05 Adult hemochromatosis & arthropathy

Phlebotomy – can we do any better?

E. Bardou Jacquet

11:10-11:30 Iron overload with a drug targeting the hepcidin-ferroportin axis

What can we expect from the future?

M. Muckenthaler

11:35-11:55 Iron based classification and therapy in restless legs syndrome

Just an iron infusion?

B. Högl

12:00-12:20 Anemia in chronic kidney disease –

Treat the message or the messenger?

Epo, iron, hepcidin- or HIF-PHD-inhibitors?

K. Eller

12:30 – 12:45 The Non HFE Hemochromatosis Registry

Registry challenges and Opportunities

F. Kronenberg

12:45 – 13:00 Iron and Alpha-1 Antitrypsin Deficiency from Bench to Bedside

P. Strnad

13:00 – 14:00 Lunchbreak

14:00 – 15:15 Mechanisms of Iron Overload & Toxicity

Chair: I. Theurl & H. Drakesmith

14:00-14:20 Iron-refractory- and iron-loading-anemias

Translating genetics into therapeutics

D. Meynard

14:25-14:45 Iron overload in myelodysplastic syndrome and bone marrow transplantation

Timing and efficacy of iron chelation

D. Wolf

14:50-15:05 Biology of iron toxicity and oxidative stress

Truths and myths about ferroptosis

T. Adolph

15:05-15:20 Histopathological assessment of iron overload and toxicity

Is liver biopsy still justified?

G. Oberhuber

15:20-16:00 Break

16:00 – 18:00 Intravenous Iron and Transfusional Iron Overload

Chair: H. Zoller & D. Meynard

16:00-16:40 Treatment of iron deficiency or anemia?

Oral or intravenous iron?

G. Weiss

16:45-17:05 Clinical relevance of iron induced serum phosphate lowering

J. Stein

17:10-17:30 Iron-induced osteomalacia

B. Schaefer

17:35-17:50 Conclusion and Farewell

H. Zoller

20:00 **Conference Dinner** – Restaurant Lichtblick, Rathaus Galerien