

## **Rational**

The 8th International Multidisciplinary Course on Iron Deficiency (IMCID) is the international medical event focusing on iron deficiency.

Iron deficiency anemia is a condition affecting billions of people worldwide and iron deficiency represents the first nutritional deficiency in the World. For these reasons iron deficiency with or without anemia interests most of the medical disciplines and even non-medical, nutritional conditions. This is the main reason why multidisciplinary represents the distinctive element of the Course.

This 8<sup>th</sup> IMCID edition aims to give an update of the most recent scientific evidences on iron deficiency and its recovery approaches, starting from pregnancy and subsequently addressing the childhood, and then focusing on adulthood in different clinical settings like oncology, gastroenterology, Patient Blood Management and internal medicine. Over the Course the importance of iron supplementation and anemia treatment in these years of Covid-19 pandemic are discussed.

Among iron supplements, Sucrosomial® iron is finally considered the most innovative oral iron being more comfortable and having a better tolerability than traditional oral iron salts. New scientific data have been published since the last 7th edition (2019), thus Sucrosomial® iron efficacy in recovering iron deficiency in sideropenic conditions is presented in over the Course.

Here comes the need to organize this 8th International Multidisciplinary Course on Iron Deficiency, addressed mainly to pediatrics, gynecologists, oncologists, anesthesiologists, orthopedics, gastroenterologists, cardiologists, surgeons, hematologists, to increase the awareness on the clinical importance of iron deficiency and to focus on its management problems.

We expect that attendees will update and improve their knowledge on the physiopathology, clinical manifestations, diagnosis and therapy of iron deficiency, taking home useful tools to provide better healthcare to their patients and improving their outcome and quality of life. All this can only be possible thanks to the enthusiastic collaboration of an international faculty with a specific experience and knowledge on the different aspect of this worldwide spread problem.

***The Scientific Committee  
8th IMCID 2022***

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# INTERNATIONAL MULTIDISCIPLINARY COURSE ON IRON DEFICIENCY

SUCROSOMIAL® IRON, UPDATE AND RECENT NEW EVIDENCES  
TO TREAT IRON DEFICIENCY

# SCIENTIFIC PROGRAM

with the unrestricted support of

 PHARMANUTRA

and ZAMBON IBERIA

## Scientific Committee

### SANDRO BARNI

Director Emeritus, Oncology ASST BG Ovest, Ospedale Treviglio (BG), Italy

### MANUEL MUÑOZ

Department of Surgical Specialties, Biochemistry and Immunology, University of Málaga, Málaga, Spain

Member of NATA's Board of Directors (Network for the Advancement of Patient Blood Management, Haemostasis and Thrombosis)

Scientific Associate IFPBM (International Foundation for Patient Blood Management)

## Program Topics

### FRIDAY, OCTOBER 21

h. 09:00-16:30

#### Keynote Lecture

- Gastroenterology Session
- Internal Medicine and Cardiology Session
- Pediatrics Session
- Sucrosomial® Iron updates

### SATURDAY, OCTOBER 22

h. 08:30-13:30

- Pre-clinical Evidences
- Keynote Lecture 2
- Patient Blood Management
- Obstetrics Session
- Oncology Session

## Speakers and chair persons

Agostoni Carlo	(Milan, Italy)
Aloi Marina	(Rome, Italy)
Antonuzzo Andrea	(Pisa, Italy)
Barni Sandro	(Treviglio, Italy)
Bastida Guillermo	(Valencia, Spain)
Bertani Lorenzo	(Pisa, Italy)
Cabantchik Ioav	(Jerusalem, Israel)
Cannatelli Rosanna	(Milano, Italy)
D'Arrigo Giulia	(Catania, Italy)
Edu Antoine	(Bucarest, Romania)
Frazer David	(Herston, Australia)
Ferri Nicola	(Padua, Italy)
Giordano Giulio	(Campobasso, Italy)
Kossiva Lydia	(Athens, Greece)
Lucchesi Alessandro	(Meldola, Italy)
Meier Jens	(Linz, Austria)
Morales-Rull José Luis	(Lleida, Spain)
Muñoz Manuel	(Malaga, Spain)
Napolitano Mariasanta	(Palermo, Italy)
Papingiotis Georgios	(Athens, Greece)
Parisi Francesca	(Milano, Italy)
Pedrazzoli Paolo	(Pavia, Italy)
Petrelli Fausto	(Bergamo, Italy)
Poli Maura	(Brescia, Italy)
Rondinelli Maria Beatrice	(Rome, Italy)
Venturini Elio	(Cecina, Italy)
Vilaseca Alicia	(Buenos Aires, Argentina)
Vinchi Francesca	(New York, USA)
Weltert Luca	(Rome, Italy)

# FRIDAY, OCTOBER 21

## OPENING CEREMONY AND WELCOME ADDRESS

h. 09:00

Sandro Barni  
Manuel Muñoz

## KEYNOTE LECTURE IRON TREATMENT IN THE PANDEMIC ERA

h. 09:15

### SPEAKER

**Professor (Emeritus) Ioav Cabantchik**

President, IBIS: International Bioiron Society

International Society for the Study of Iron in Biology and Medicine

Institute of Life Sciences, Hebrew University Jerusalem, Jerusalem, Israel

## FIRST SESSION GASTROENTEROLOGY

h. 10:00-11:30

### CHAIRS

**Nicola Ferri**

Pharmacology - Department of Medicine - University of Padua, Italy

**Sandro Barni**

## SUPPLEMENTATION WITH SUCROSOMIAL® IRON LEADS TO FAVOURABLE CHANGES IN THE INTESTINAL MICROBIOME

h. 10:00

### SPEAKER

**David Frazer**

Molecular Nutrition Laboratory, QIMR Berghofer Medical Research Institute,  
Herston, Australia

## IRON DEFICIENCY AND CELIAC DISEASE

h. 10:20

### SPEAKER

**Rosanna Cannatelli**

UOC Gastroenterologia e Endoscopia Digestiva,  
ASST Fatebenefratelli Sacco, Milano

## TREATING IRON DEFICIENCY IN PATIENTS WITH ULCERATIVE COLITIS

h. 10:40

### SPEAKER

**Lorenzo Bertani**

Department of Translational Research and New Technologies in Medicine and  
Surgery, University of Pisa, Pisa, Italy

with the unrestricted support of  PHARMANUTRA

and ZAMBON IBERIA

**SUCROSOMIAL® IRON SUPPLEMENTATION  
IN IBD PATIENTS REFRACTORY  
TO ORAL IRON TREATMENT**

h. 11:00

**SPEAKER**

**Guillermo Bastida**

Department of Digestive Diseases. University Hospital La Fe, Valencia, Spain

**SESSION DISCUSSION**

h. 11:20

**COFFEE BREAK**

h. 11:30

**SECOND SESSION**  
**INTERNAL MEDICINE AND CARDIOLOGY**

h. 12:00-13:30

**CHAIR**

**Alessandro Lucchesi**

Hematology Unit, IRCCS Istituto Romagnolo per lo Studio dei Tumori (IRST) "Dino Amadori"

**SUCROSOMIAL® IRON TISSUE DISTRIBUTION IN  
A HIGH HEPCIDIN EXPRESSION MODEL**

h. 12:00

**SPEAKER**

**Maura Poli**

Department of Biology, Università degli Studi di Brescia, Brescia, Italy

**SUCROSOMIAL® IRON HIGH DOSES  
AND BONE MARROW MACROPHAGES POLARIZATION**

h. 12:15

**SPEAKER**

**Giulio Giordano**

Division of Internal Medicine, Hematology Service, Regional Hospital  
"A. Cardarelli", Campobasso, Italy

**ORAL SUCROSOMIAL® IRON IMPROVES EXERCISE  
CAPACITY AND QUALITY OF LIFE IN HEART FAILURE  
WITH REDUCED EJECTION FRACTION AND IRON DEFICIENCY**

h. 12:35

**SPEAKER**

**Georgios Papingiotis**

Heart Failure Unit, Department of Cardiology, Attikon University Hospital, Na-  
tional and Kapodistrian University of Athens, Athens, Greece

**ORAL SUCROSOMIAL® IRON IN HEART  
FAILURE WITH PRESERVED EJECTION FRACTION  
AND IRON DEFICIENCY**

h. 12:55

**SPEAKER** **José Luis Morales-Rull**

Heart Failure Unit, Health Care Region of Lleida, University Hospital Arnau de Vilanova, Lleida, Spain

**SESSION DISCUSSION**

h. 13:15

**LUNCH BREAK**

h. 13:30

**THIRD SESSION  
PEDIATRICS**

h. 14:45-16:00

**CHAIR** **Carlo Agostoni**

Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, Milan, Italy

**IRON DEFICIENCY ANEMIA IN CHILDREN:  
RISK FACTORS, PREVENTION, DIAGNOSIS AND THERAPY**

h. 14:45

**SPEAKER** **Lydia Kossiva**

Second department of Pediatrics, National and Kapodistrian University of Athens, Medical School, "P & A Kyriakou" Children's Hospital, Athens, Greece

**IRON DEFICIENCY RELATED  
TO GASTROINTESTINAL DISORDERS**

h. 15:10

**SPEAKER** **Marina Aloï**

Department of Maternal and Child Health, Pediatric Gastroenterology and Liver Unit, Umberto I Hospital, Sapienza University of Rome, Rome, Italy

**IRON SUPPLEMENTAION IN PEDIATRICS PATIENTS WITH  
PRIMARY IRON DEFICIENCY ANEMIA:  
AN IRIDA CLINICAL CASE**

h. 15:30

**SPEAKER** **Giulia D'Arrigo**

Onco-Hematology Unit, Department of Pediatrics, Policlinico G.Barresi, Messina, Italy

**SESSION DISCUSSION**

h. 15:50

**NON-CME LECTURE**

**SUCROSOMIAL® IRON UPDATES**

h. 16:00

**SPEAKER**

**Germano Tarantino**

Chief Scientific Officer Pharmanutra SpA, Pisa, Italy

**QUESTION TIME**

h. 16:20

**CLOSURE FIRST DAY**

h. 16:30

# SATURDAY, OCTOBER 22

**SECOND DAY INTRODUCTION**

h. 08:30

**CHAIRS**

**Sandro Barni**

**Manuel Muñoz**

**MACROPHAGE-MEDIATED METABOLISM  
OF SUCROSOMIAL IRON**

h. 08:40

**SPEAKER**

**Francesca Vinchi**

Iron Research Laboratory, New York Blood Center, New York, USA

Department of Pathology and Laboratory Medicine, Weill Cornell Medicine, New York, USA

**FIFTH SESSION**  
**PBM**

h. 09:00-10:45

**CHAIRS**

**Manuel Muñoz**

**Alicia Vilaseca**

Hematology Service San Camilo Clinic Buenos Aires, Argentina

**KEYNOTE LECTURE**  
**MANAGEMENT OF IRON DEFICIENCY IN PBM:  
THE PANDEMIC'S BARRIERS**

h. 09:00

**SPEAKER**

**Jens Meier**

Department of Anesthesiology and Critical Care Medicine, Faculty of Medicine,  
Kepler University, Linz, Austria.



**IMPLEMENTATION OF A PRE-OPERATIVE  
OPTIMIZATION PROTOCOL WITH  
SUCROSOMIAL IRON IN CARDIAC SURGERY**

h. 09:30

**SPEAKER****Luca Weltert**

Cardiosurgery Division, European Hospital, Rome, Italy

**IRON-DEFICIENCY ANEMIA AND  
FUNCTIONAL CAPACITY IN POST-CARDIAC  
SURGICAL PATIENTS: COMPARISON BETWEEN  
TWO MARTIAL TREATMENTS**

h. 09:50

**SPEAKER****Elio Venturini**

U.O.S. Riabilitazione Cardiologica, Ospedale Civile, Cecina, Italy

**IS THERE A ROLE FOR ORAL IRON IN PBM  
FOR ORTHOPEDIC SURGERY?**

h. 10:10

**SPEAKER****Manuel Muñoz**Department of Surgical Specialties, Biochemistry and Immunology,  
University of Málaga, Málaga, Spain**SESSION DISCUSSION**

h. 10:30

**COFFEE BREAK**

h. 10:45

**SIXTH SESSION  
OBSTETRICS**

h. 11:15-12:00

**CHAIR****Manuel Muñoz****IRON PROPHYLAXIS IN PREGNANT WOMEN  
AND PREGNANCY OUTCOMES**

h. 11:15

**SPEAKER****Francesca Parisi**

Obstetrics and Gynecology Department, "Vittore Buzzi" Children's Hospital, Milan, Italy

**PATIENT BLOOD MANAGEMENT:  
ANAEMIA IN OBSTETRICS**

h. 11:30

**SPEAKER**

**Maria Beatrice Rondinelli**

Patient Blood Management Unit, San Camilo-Forlanini Hospital, Rome, Italy

**SUCROSOMIAL® IRON EFFECTIVENESS  
IN RECOVERING IRON-DEFICIENCY  
IN POSTPARTUM WOMEN WITH MILD  
AND MODERATE ANEMIA**

h. 11:45

**SPEAKER**

**Antoine Edu**

Gynecology Department, Bucharest, Romania

**SESSION DISCUSSION**

h. 11:55

**SEVENTH SESSION  
ONCOLOGY**

h. 12:00-13:15

**CHAIRS**

**Sandro Barni**

**Mariasanta Napolitano**

PROMISE Department, University of Palermo, Hematology UOS Hemostasis and Thrombosis, AOUP "P. Giaccone", Palermo, Italy

**CLINICAL SAFETY AND EFFICACY OF  
IRON SUPPLEMENTATION IN CANCER PATIENTS**

h. 12:00

**SPEAKER**

**Andrea Antonuzzo**

Medical Oncology Unit, Pisa, Italy

**SUCROSOMIAL® IRON SUPPLEMENTATION  
IN PATIENTS WITH CHEMOTHERAPY-RELATED  
ANEMIA TREATED WITH ESA:  
A RANDOMIZED CLINICAL TRIAL**

h. 12:20

**SPEAKER**

**Paolo Pedrazzoli**

Department of Oncology, IRCCS Policlinico San Matteo Foundation and University of Pavia, Pavia, Italy

**IRON STATUS IN GERIATRIC ONCOLOGY**

h. 12:35

**SPEAKER**

**Fausto Petrelli**

ASST Bergamo Ovest, Italy

**SESSION DISCUSSION**

h. 12:50

**UP-TO-DATE REVIEW OF PUBLISHED  
CLINICAL RESEARCH ON SUCROSOMIAL® IRON:  
WHAT DID WE MISS?**

h. 13:00

**SPEAKER**

**Manuel Muñoz**

Department of Surgical Specialties, Biochemistry and Immunology,  
University of Málaga, Málaga, Spain

**CLOSURE**

h. 13:20

**Sandro Barni**

**Manuel Muñoz**

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SUCROSOMIAL® IRON, UPDATE AND RECENT NEW EVIDENCES TO TREAT IRON DEFICIENCY

**FRI 21st, SAT 22nd  
OCTOBER 2022**

REGINA PALACE HOTEL - STRESA (VB), ITALY

## GENERAL INFO

### CONGRESS VENUE

Regina Palace Hotel | Corso Umberto I n.29 - 28838 Stresa VB - Italy

## CME

### CME CREDITS FOR ITALIAN DELEGATES

The course is pending accreditation at the Ministry of Health for the professional figure of Pharmacist and Physician for the following disciplines: Anaesthesia and Intensive Care, Cardiac Surgery, Cardiology, General Surgery, Thoracic Surgery, Haematology, Gastroenterology, Geriatrics, Gynaecology and Midwifery, Physical Medicine and Rehabilitation, Internal Medicine, Nuclear Medicine, Transfusion Medicine, Nephrology, Neonatology, Oncology, Orthopaedics and Traumatology, ENT, Paediatrics, Radiodiagnostics, Radiotherapy, Food Science and Dietetics.

### CME Scientific Coordinator

Sandro Barni  
Director Emeritus, Oncology ASST BG Ovest, Ospedale Treviglio (BG), Italy

## ORGANIZING SECRETARIAT

### A.I.C. ASTI INCENTIVES & CONGRESSI

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### OFFICIAL WEBSITE

[www.ironanemiccourse.com](http://www.ironanemiccourse.com)

*Once the event is over, you will find on the website [www.ironanemiccourse.com](http://www.ironanemiccourse.com) the survey to fill out in order to proceed with the request for the participation certificate.*

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