BIOIRON 2013
UNIVERSITY COLLEGE LONDON
APRIL 14, 2013

ESSENTIALS OF BIOIRON
An educational session for clinicians and basic scientists

INTRODUCTORY REMARKS
CLARA CAMASCHELLA and IOAV CABANTCHIK
A. BASIC ASPECTS OF IRON BIOLOGY

moderators
PAOLO AROSIO, ITALY and GREG ANDERSON, AUSTRALIA

1. ESSENTIALS OF IRON ROLES IN BIOLOGY
   PROF. ROBERT CRICHTON, BELGIUM

2. IRON HOMEOSTASIS: FROM CELLS TO ORGANISMS (I)
   DR. TRACEY ROUAULT, USA

3. IRON HOMEOSTASIS: FROM CELLS TO ORGANISMS (II)
   PROF. MARTINA MUCKENTHALER, GERMANY

Summary and Questions
B. CLINICAL ASPECTS OF IRON IN MAJOR HEALTH PROBLEMS
(I). IRON AND ANEMIA

Moderators
GUENTER WEISS, AUSTRIA and HERBERT Y. LIN, USA

1. NUTRITIONAL IRON DEFICIENCY AS WORLDWIDE PROBLEM
   PROF. MICHAEL ZIMMERMANN, SWITZERLAND

2. ANEMIA OF CANCER AND INFLAMMATION
   PROF. TOMAS GANZ, USA

3. SELECTING OPTIMAL MODES OF IRON SUPPLEMENTATION
   PROF. IAIN C. MACDOUGALL, UK

Summary and Questions

16:15 – 16:45 COFFEE/TEA BREAK
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B. CLINICAL ASPECTS OF IRON IN MAJOR HEALTH PROBLEMS
(II). SYSTEMIC IRON OVERLOAD

moderators
JOHN PORTER, U.K. AND PIERRE BRISSOT, FRANCE

1. PATHOPHYSIOLOGY OF GENETIC IRON OVERLOAD
   PROF. ANTONELLO PIETRANGELO, ITALY

2. NON-INVASIVE ASSESSMENT OF IRON OVERLOAD
   PROF. DUDLEY PENNELL, UK

3. SELECTING OPTIMAL TREATMENT FOR IRON BURDEN
   PROF. MARIA D. CAPPELLINI, ITALY

Summary and Questions