



Doctorate program
Milan
EXPERIMENTAL
MEDICINE



UNIVERSITÀ
DEGLI STUDI
DI MILANO

International PhD Program in Experimental Medicine

D-MEM SEMINAR

GAETANO CAIRO

University of Milan School of Medicine

December 16th, 2021- 4.30 PM

Aula Magna, LITA Segrate

IRON METABOLISM: A PERSONAL JOURNEY

This seminar is a reflection on my time as a scientist interested in the molecular aspects of iron metabolism. However, I will not tell only a personal story. My intent is to provide an historical perspective of the major advances achieved in the last 40 years (from 3 proteins when I entered the field in the 1980s to the almost 50 at present).

I will relate some milestones in our understanding of iron homeostasis, trying to underpin the technological and scientific advancements that made this knowledge possible.

These will be set against the backdrop of my path, by highlighting in some cases the contributions of my laboratory. More specifically, I will cover the regulation of cellular and systemic iron metabolism, as well as its disruption under pathological conditions, such as hemochromatosis, inflammation, hypoxia, oxidative stress, etc.

By sharing reflections on my journey, I hope to encourage young investigators to persist in their pursuit of a career in science

Possibility for online connection: click [HERE](#)

Further information: phd.experimental-medicine@unimi.it

facebook

PhD in Experimental Medicine - University of Milan

twitter

@DMEM_PhDunimi