

Dipartimento di Medicina Endocrino-Metabolica

Direttore: Prof. Luca Persani

Sede convenzionata per le Scuole di Specializzazione in:

- *Endocrinologia e Malattie Metaboliche (sede della Direzione)*
- *Medicina dello Sport*
- *Scienze dell'Alimentazione (sede della Direzione)*

Centri Clinici di Elevata Specializzazione:

UOC DH/MAC Medicina Endocrino-Metabolica - Centro di Riferimento Europeo per Malattie Endocrine Rare (ENDO-ERN) – Resp: Prof Luca Persani

UOSD Malattie della Tiroide ed Endocrinologia Oncologica – Centro di Riferimento Europeo EURACAN per Tumori Endocrini Rari – Resp: Prof.ssa Laura Fugazzola

UOSD Malattie del Metabolismo Osseo e Diabetologia – Resp: Prof Sabrina Corbetta

UOSD Cura e Riabilitazione dell'Obesità - Centro accreditato SIO ed EASOCOM – Resp: Prof. Simona Bertoli

UOSD Nutrizione Clinica – Resp: Prof. Alberto Battezzati

Centro di Eccellenza SIAMS di Endocrinologia Andrologica e Ginecologica— Resp: Prof. Marco Bonomi

Centro sui Disturbi del Comportamento Alimentare – Resp: Dott.ssa Nicoletta Polli e Dott. Leonardo Mendolicchio

Riferimenti: www.auxologico.it Segreteria: segrendosl@auxologico.it dir.endo@auxologico.it Tel: 0261911-2738 o -2271

Milano, 26 June 2023

OBJECT: Availability of 2 post-doc positions (1 immediately e 1 in autumn 2023)

Both positions are available at the laboratory of Prof. Luca Persani at IRCCS Istituto Auxologico Italiano (Milan) to work in the field of congenital thyroid disorders.

The position that is currently available is funded by the IRCCS Auxologico (a not-for-profit foundation dedicated to biomedical research) for one year, but renewable. This post-doc should focus on functional studies on reporter systems and characterization of iPSC derived cells with variable tissue differentiation.

The second position will be funded by a research grant funded by Italian Ministry of University and Research aimed to understand the biological mechanisms underlying the suboptimal rescue of intellectual performance in congenital hypothyroidism (research program of 2 years). This post-doc should focus on NGS investigations and functional studies on reporter systems or characterization of iPSC derived neurons.

The Lab has a worldwide recognized experience in the field of thyroid pathophysiology and on the use a wide variety of approaches, from genetic methods based on NGS techniques (e.g., whole exome sequencing) to *in vitro* studies (cloning, bioassays in transiently transfected and stable cell lines, advanced imaging, etc...) and *in vivo* approach using the zebrafish animal model and we are always excited to add new expertise and perspectives. The Lab has several ongoing collaborations at both International and National levels thus further enriching the research opportunities. The Lab is part of a large open-space with several specialized areas, including ILLUMINA platform, confocal and fluorescence microscopy facility, iPSC facility, cell culture facilities. The personnel of the Lab have also access to the zebrafish facility at the LITA, University of Milan.

We are specifically looking for smart and highly motivated postdoc candidates. The candidates should hold a PhD degree in Biochemistry, Biotechnology, Pharmaceutical Sciences, Biological Sciences or Experimental Medicine, and have previous research experience in cellular and molecular biology. Background in endocrine pathophysiology and/or age <35 years would constitute preferential characteristics.

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Good proficiency in English (scientific writing and oral communication skills), communication and team-working skills, open mind and proactive attitude are appreciated.

Interested candidates should send their CV by email to: luca.persani@unimi.it and elehisie.rfm@gmail.com

Prof Luca Persani

