

Research assistant / Laboratory manager **Human hematopoietic development and disease modeling Lab - Andrea Ditadi**

A **Research Assistant / Laboratory Manager** position is available in the laboratory of **Dr. Andrea Ditadi** at the San Raffaele – Telethon Institute for gene therapy in Milan

Our laboratory, the “Human hematopoietic development and disease modeling” unit, combines **developmental**, **stem cell** and **molecular biology** to understand normal and pathological human hematopoietic development. We are particularly interested in the mechanisms controlling the emergence and function of human hematopoietic stem and progenitor cells, and in using human pluripotent stem cells to model development and genetic blood disorders.

We are looking for a highly motivated and versatile researcher who will contribute directly to experimental projects while also supporting the day-to-day scientific and organizational activities of the laboratory. The successful candidate will work closely with the PI and other members of the group across multiple research projects and will have the opportunity to take on increasing responsibility in both the scientific and day-to-day organization of the laboratory.

Main tasks

- Human pluripotent stem cell culture, maintenance and differentiation, including cell engineering
- Mouse work, including breeding, genotyping, in vivo procedures, blood and tissue collection and analysis
- Molecular and cellular assays, including PCR, RT-PCR, Western blotting, ELISA and flow cytometry
- Experimental planning, troubleshooting and optimization of established and newly developed protocols
- Training and technical support of lab members, and contribution to data interpretation and publication
- General laboratory organization and maintenance, including inventories, ordering, equipment maintenance and experimental records

Qualifications and skills

- Biomedical or life-science degree at Master or PhD level, with previous hands-on research experience
- Previous experience with mouse experimentation is required
- Previous experience in cell culture and molecular biology; experience with hPSCs would be an asset
- High accuracy, reliability and attention to detail, with strong troubleshooting skills
- Excellent organizational and multi-tasking skills, with a proactive, flexible and self-motivated approach to work
- Strong team spirit and communication, with the ability to work independently and collaboratively; good oral and written English

What we offer

- A collaborative and supportive research environment within a dynamic and international team
- The opportunity to work across multiple projects in stem cell biology, developmental biology and hematology
- Access to state-of-the-art technologies and research infrastructure
- Training in advanced experimental approaches and the opportunity to broaden technical and scientific expertise
- The opportunity to take on increasing responsibility in the scientific and day-to-day organization of the laboratory
- Salary and contract conditions commensurate with qualifications and experience: 24.000–34.000 euros gross annual (RAL)

Interested applicants should send a CV, a brief description of their research experience and career interests, and contact information for 2 to 3 references to Dr. Andrea Ditadi at ditadi.andrea@hsr.it.

Applications will be evaluated on a rolling basis until the position is filled.