

Joint Postdoctoral Program at TIGEM and SR-Tiget

Fondazione Telethon launches a new training initiative for early-career scientists at its flagship Institutes

Fondazione Telethon is a leading Italian charity dedicated to funding and conducting scientific research on rare genetic diseases. Since its founding, it has promoted innovative therapies and groundbreaking research through its renowned Institutes: [TIGEM](#) (Telethon Institute of Genetics and Medicine) in Pozzuoli and [SR-Tiget](#) (San Raffaele Institute of Gene Therapy) in Milan.

Fondazione Telethon launches a novel Postdoctoral program by offering **3-year fellowships** at **TIGEM** and **SR-Tiget** for motivated scientists looking to advance their careers in genetic medicine and gene therapy. These positions are ideal for researchers who have **recently completed their PhD or have up to 4 years of postdoctoral experience** and are looking to further develop their scientific skills within dynamic, world-class research environments. Up to 18 months of documented maternity/paternity leave will be excluded from the calculation of postdoctoral experience.

Applicants must have **resided and carried out their research outside of Italy in the past 3 years** immediately prior to the application. Priority will be given to scientists currently working in the USA.

CANDIDATE PROFILE

- PhD in life sciences or related fields (or close to completion)
- Proven scientific productivity through at least one first-author original research article (published or in press) in international peer-reviewed journals from their PhD or postdoc training and presentations at international conferences. Articles published in predatory journals will be excluded from the analysis and will not be considered for eligibility conditions.
- Motivation for collaborative, interdisciplinary research
- Strong communication and teamwork skills

WHAT WE OFFER

Outstanding Research Environment

- **A supportive, international and highly interdisciplinary environment**
- **Access to state-of-the art facilities and technologies** including genomics, single-cell and spatial transcriptomics, microscopy, flow cytometry, high content screening, proteomics, transgenic mouse facility, SPF animal husbandry and specialized mouse clinic, live animal imaging and bioinformatics
- **Integration with state-of-the-art development facilities and clinical units** at collaborative research hospital partners providing post-doctoral candidates with exposure to proficient synergies among basic, translational, and clinical scientists. This unique environment offers an exceptional opportunity to get a first-hand experience of how research advancements are translated into clinical practice

Professional Development Opportunities

- **Travel allowance** of 3000 EUR per year to attend conferences, workshops, and seminars enabling fellows to present their work and build international professional networks
- **Postdoctoral Committee** fostering career development and structured networking opportunities with peers, senior researchers, and professionals across diverse sectors
- **Training opportunities** in grant writing, research management, communication, and translational science
- **Exposure to industry, regulatory, and clinical settings** through Fondazione Telethon's broad RCD ecosystem

Competitive Conditions & Benefits

- **Competitive salary** adequate to seniority
- **Welfare scheme**
- **Assistance with applying for tax benefits**, including attractive income tax reductions for candidates relocating to Italy for the first time or returning after living abroad.
- **Moving support**, including relocation allowance, assistance with bureaucratic procedures (e.g., visa, residence permit, healthcare registration), and Italian language training
- **Work-life balance** solutions, including flexible working time, remote working, 5-month fully paid maternity leave, parental leave, on campus nursery with discounted rates
- Access to **National Health System** providing residents with free or reduced-cost healthcare services, including access to general practitioners, treatment at public hospitals, subsidized medicines, ambulance services

Fondazione Telethon is an Equal Opportunity Employer committed to increasing the diversity of its faculty and provides employment opportunities regardless of individual's age, colour, disability, gender, national origin, religion, or sexual orientation.

SELECTION PROCESS

Applicants should send the following materials

- **Cover letter** (max 2 pages) describing their research background and achievements, motivations for applying and how you envision integrating into the host Institute. Please mention up to 3 potential research groups of interest.
- **CV**
- Contact information of **2 referees** including the current supervisor

Shortlisted candidates will be invited for an interview, which may be held either in-person or online. The interview process will include a seminar presentation followed by one-to-one discussions with the selected Group Leaders.

Applications should be sent to:

- For TIGEM: TIGEM Scientific Office scientific_office@tigem.it
- For SR-Tiget: SR-Tiget Research Strategy and Communication Office researchoffice.tiget@hsr.it

The deadline for submitting applications is October 30th 2025. Early applications are encouraged.

About TIGEM

TIGEM is a premier research center dedicated to understanding and treating genetic diseases. Established by Fondazione Telethon, the institute focuses on innovative research that bridges basic science and clinical applications. Renowned for its interdisciplinary approach, TIGEM unites experts in genomics, cell biology and gene therapy to uncover rare disease mechanisms and develop novel therapies. Housed in a refurbished 5,000-square-meter complex on the former Olivetti campus in Pozzuoli, the institute employs approximately 260 researchers from Italy and abroad across 24 independent research groups and seven state-of-the-art facilities, including advanced microscopy, bioinformatics, high-content screening, advanced histology and proteomics. The institute has made groundbreaking discoveries in lysosomal biology, membrane trafficking and autophagy regulation. Additionally, TIGEM is at the forefront of developing AAV-based gene therapy approaches, including clinical translation. The institute's commitment to advancing scientific knowledge is reflected in its active participation in international

research networks and its role in training the next generation of scientists. Through partnerships with leading academic institutions and biotech companies, TIGEM continues to push the boundaries of genetic research, aiming to translate discoveries into effective treatments for patients worldwide.

More information at www.tigem.it

About SR-TIGET

SR-TIGET, established in 1996 as a joint-venture between the Fondazione Telethon and San Raffaele Hospital, is a leading center for Cell and Gene Therapy. Located on the San Raffaele campus—home to a major research hospital, a biomedical institute, a university, and biotech companies—SR-TIGET combines fundamental biology with cutting-edge technologies to develop transformative therapies. Over the years, SR-TIGET has given a pioneering and continued contribution to the gene and cell therapy field with relevant discoveries in vector design, gene transfer and gene editing strategies, stem cell biology, identity and mechanism of action of regulatory cells in immune responses and innate immune cells in cancer. The Institute has also established the framework for translating these advances into novel experimental therapies and has implemented several successful clinical trials, which have already treated >150 patients and led to approval of 2 novel gene therapy drugs. SR-TIGET has also fostered innovation through strategic alliances with pharma companies and the creation of three biotech startups. Its researchers are internationally recognized, with 12 ERC grants and awards such as the Louis-Jeantet Prize (2019 to Luigi Naldini) and the Else Kröner Fresenius Award (2020 to Alessandro Aiuti).

More information at www.sr-tiget.it