

One post-doctoral position in “ RNA modifications in neural development ” (1900001B)

Status
Open

Recruiter
IGUERA, GIULIA

Status Details
Approved

Hiring Manager
GUSTINCICH, STEFANO

Primary Location
GENOVA ERZELLI

Requisition Type
Professional

Hired Candidates
0 out of 1

Job Description

Description - External

One post-doctoral position is available within the Non-coding RNAs and RNA-based therapeutics Research Line of Istituto Italiano di Tecnologia (IIT), at The Center for Human Technologies (CHT) in Genova.

This Research Line aims to study the biology of RNA and to develop innovative RNA-based technologies for human health.

The selected candidate will work on a project aimed to characterize the role of RNA-modifying enzymes in nervous system development. He/She will employ protocols of mESCs in vitro differentiation and perform in vivo experiments on the regenerating flatworm *Schmidtea mediterranea* (planaria) for the identification of new molecular pathways regulating neural development and regeneration.

The ideal candidate has a PhD in cell, developmental or molecular biology, genomics, neurobiology or a related discipline. Experience with mammalian (stem) cell culture and in vivo techniques are mandatory prerequisites. Further desirable but not strictly necessary competences include previous working knowledge of RNA sequencing technologies and/or familiarity with planaria/*Xenopus*/*Zebrafish* model systems.

Salary and benefits are in line with international standards.

Please submit your application including a CV and the names of 2 referees using the online form .

Please apply by December 1st, 2019.

IIT was established in 2003 and successfully created a large-scale infrastructure in Genova, a network of 10 state-of-the-art laboratories countrywide, recruited an international staff of about 1100 people from more than 50 countries.

IIT's research endeavor focuses on high-tech and innovation, representing the forefront of technology with possible applications from medicine to industry, computer science, robotics, life sciences and nanomaterials.

Istituto Italiano di Tecnologia is an Equal Opportunity Employer that actively seeks diversity in the workforce

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