



## **Exciting postdoctoral opportunity to evaluate a novel RNA based therapeutic strategy**

### **Employer**

Human Molecular Genetic laboratory, International Centre for Genetic Engineering and Biotechnology

### **Location**

Trieste, Italy

### **Posted**

October 8, 2018

### **Discipline**

Life sciences, RNA biology, gene therapy

### **Organization Type**

International Research Centre, Academic

### **Job Type**

NIH-funded PostDoc

An NIH-funded postdoctoral position is immediately available in Dr. F. Pagani's laboratory in ICGEB, Trieste, Italy for highly motivated candidates who are interested in RNA based therapies to correct splicing defects.

The Human Molecular Genetics lab studies the molecular mechanisms of pre-mRNA processing defects in human diseases and has developed a therapeutic strategy to correct aberrant splicing based on modified U1 snRNP <https://www.icgeb.org/human-molecular-genetics.html>. This strategy is applied through AAV and lentiviral vectors in cellular and animal models to correct splicing defects. The candidate is expected to evaluate the efficacy of the RNA based strategy in relevant animal models, analyze off targets and contribute to define the molecular mechanism involved in the splicing rescue. Successful candidates will have a background in RNA biology. Prior experience in animal studies, neuropathology and RNA-SEQ/bioinformatic analysis will be a plus. The gross annual salary will be of 41.200\$ (~35.000 Euro). Applicants should submit an application package that includes a cover letter, CV, relevant prior publications, and contact information for three references to Pagani Franco, at [pagani@icgeb.org](mailto:pagani@icgeb.org). Application review will begin immediately and continue until the position is filled.