



Centre for Integrative Biology - CIBio

Trento, November 15th

Post-doctoral position on Genome Editing University of Trento, Italy

A postdoc position in genome editing is available at the CIBIO Department of the University of Trento Italy, in the group of Prof. Anna Cereseto.

The lab is interested in expanding the biotechnology tools for **genome editing** for the treatment of genetic diseases (Cornelia de Lange). Recent publications of the lab were geared toward strategies for improved precision in genome editing (*Petris et al, Nature Comm. 2017; Casini et al, Nature Biotech., 2018*).

The lab is further developing novel strategies towards **precise gene modifications (HDR), developing directed evolution strategies to reverse genetic mutations and identifying novel nucleases starting from Cas9 orthologues.**

Together, the diverse opportunities for research will prepare candidates to establish an independent research program in genome editing, investigating innovative strategies for gene therapy.

Applicants should have completed a Ph.D. and preferably having one or two years post doc experience.

The lab is interested in candidates with experience in the following fields:

- Molecular and Cell Biology
- Genome editing and gene therapy
- Retrovirology (viral vectors development)

The lab has open positions starting in January 2019 for durations of up to three years.

Qualified candidates should submit a CV, the names and contact information of three (3) references, and cover letter with description of research interests directly to Anna Cereseto at anna.cereseto@unitn.it

Webpage: <https://www.cibio.unitn.it/97/laboratory-of-molecular-virology>