Postdoc positions in ERC funded project on Epigenetics and Chromatin Dynamics. University of Zurich, Switzerland

The group of Raffaella Santoro at the University of Zurich, Switzerland, is looking for postdoctoral researchers with proven scientific track record and experience in the epigenetics and chromatin field. Main interests of the lab are the analysis of genome architecture, the role of non-coding RNAs, and the contribution of chromatin and epigenetics in gene expression (Graf et al., Nature Cell Biology, 2017; Leone et al., EMBO Reports, 2017; Gu et al., Nature Genetics, 2015; Savic et al. Cell Stem Cell, 2014).

This is an ERC funded project that focuses on understanding how chromatin architecture impacts gene expression and cell fate during development. Specifically, this project aims to determine the contribution of the nucleolus in genome architecture and epigenetic regulation by developing novel methods to map genome compartmentalization and identify molecular mechanisms of genome remodeling and architecture that influence gene expression and cell fate.
This project will combine high-throughput data and molecular and cell biology approaches, including the development of NGS and cell biology based novel methods to identify molecular mechanisms of genome organization in single cells.

We offer:
The possibility to work on cutting-edge projects using state-of-the-art technology in a highly motivated research team
A stimulating, highly interactive, dynamic, and international research environment
Advanced training opportunities
The University of Zurich is the biggest University in Switzerland and one of Europe`s leading research centers. On-site core facilities offer easy access to state-of-the-art technologies in genomics, transcriptomics, epigenomics, proteomics, and advanced imaging.

Qualifications: The project is designed for researchers with an independent, well-structured and goal-oriented working style and an outstanding motivation and initiative.
Successful candidates must have a PhD in biology or a related field, with a proven scientific track record (including at least one first author publication), a strong research background in epigenetics and chromatin, and experience in molecular biology techniques. The candidates must have proven experience in ChIP-seq techniques and large-scale (next-generation sequencing) dataset analysis. Personal strengths should include social competence, reliability and accuracy. The working language is English. Excellent written and oral communication skills are required

To apply:
Qualified and interested candidates should submit their application including a cover letter describing motivation and how her/his background would best fit this position, CV, and the contact information of at least two references. Please send all documents as a single pdf file via e-mail to raffaella.santoro@dmmd.uzh.ch. This position is available starting from September 2018. Applications will be considered until the position is filled.