

Roma, July 2017

Subject: Post-doctoral position in Epigenetics of Pediatric Cancers available at Research Laboratories of Children's Hospital Bambino Gesù, Rome, Italy.

Net salary starting: 21.000-24.000 Euros (depending on qualifications and experience)

Duration: 3 years

In the context of the grant "**Targeting oncogenic epigenetic factors as an innovative anticancer strategy in Rhabdomyosarcoma**", funded by the Ministry of Health, Dr. Rota is looking for a Ph.D. scientist to join her group.

The group of Dr. Rossella Rota has a strong background in the study of epigenetic mechanisms that regulate differentiation and proliferation of pediatric tumor cells.

Specifically, rhabdomyosarcoma is a pediatric soft tissue sarcoma originating from mesenchymal precursors unable to differentiate into skeletal muscle.

The successful candidate will develop an independent research project through screening approaches aimed at identifying clinically relevant epi-molecules responsible for rhabdomyosarcoma progression.

We are also expanding results from our international collaboration (Gryder et al., Cancer Disc 2017), which provide preclinical evidence to hamper the functions of an otherwise undruggable fusion oncoprotein expressed in the alveolar rhabdomyosarcoma variant.

We are looking for a highly motivated, creative post-doc, committed to research and having fun in working in a team, with a proven background in molecular biology. Experience in gene cloning, recombinant DNA and infection with viral vectors is required. Background including genetic manipulations using CRISPR-Cas systems is an advantage. The applicant must have English oral and writing communication skills.

Position for 12 months, renewable pending results.

Application deadline: 15 September 2017

Interested applicants should submit, via email, a cover letter briefly describing their current research (maximum 1 page), a detailed CV with a list of publications and contact information to:

Dr. Rossella Rota, Ph.D.

Email: rossella.rota@opbg.net; rossella_rota@yahoo.com

www.ospedalebambinogesu.it