



OSPEDALE SAN RAFFAELE
ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO

JUNIOR POSTDOCTORAL POSITION

A junior postdoctoral position is available to join Dr Andrea Brendolan's laboratory at the **IRCCS San Raffaele Scientific Institute** to work on the development of an *in vitro* 3D multi-organ system (bone marrow – lymph node) to replace *in vivo* tumourigenicity studies for safety assessment of genome edited human haematopoietic stem cells (hHSCs). For additional information, please visit <https://nc3rs.org.uk/crackit/cleancut>.

Research in the laboratory focuses on the role of lymphoid stromal cells in development and tumor microenvironment using mouse genetics, *in vitro* 3D lympho-organoids and imaging approaches.

We are looking for a proactive and motivated candidate with demonstrated scientific track record and with previous experience in any of the following areas: stem cell or tumor biology, immunology, bioengineering. Additional experience in confocal imaging, multicolour flow cytometry, and 3D culture models will be considered a plus. The position is for 1 year and it is renewable up to 3 years.

Candidates should send a detailed CV and contact information for one/two referees to Andrea Brendolan brendolan.andrea@hsr.it

Lab website: <https://research.hsr.it/en/divisions/experimental-oncology/lymphoid-organ-development-and-function/andrea-brendolan.html>