

**Post-doctoral fellowship position open in the lab of Prof. Cosima T Baldari,
Department of Life Sciences, University of Siena**

Characterization of the mechanisms of T cell-mediated anti-tumor immunity by neoplastic cells in chronic lymphocytic leukemia

The aim of this project is to study the mechanisms of suppression of helper and cytotoxic T cell-mediated immunity in chronic lymphocytic leukemia. The study will focus on the interactions of leukemic cells with T cells at the levels of the immune synapse and on the indirect mechanisms by which they interfere with immune synapse assembly acting on the tumor microenvironment.

The study requires ample and documented knowledge of the cellular and molecular biology of T lymphocyte, especially of the mechanisms of vesicular trafficking that control immune synapse assembly. It requires moreover ample expertise in the techniques of molecular and cellular biology and immunology. Finally, it requires strong motivation, ability to work independently, good communication skills and an excellent knowledge of the English language.

Contact: Prof. Cosima T Baldari, email cosima.baldari@unisi.it

Link for application:

https://www.unisi.it/albo_pretorio/bandi/concorsi_interni/conferimento-di-1-assegno-di-ricerca-ssd-bio11-biologia-18

Deadline: December 29, 2021