

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

Elucidating the impact of p66Shc deficiency on the interplay between neoplastic cells and tumor microenvironment in chronic lymphocytic leukemia

The aim of this project is to characterize the outcome of p66Shc deficiency in neoplastic cells on their ability to establish an immunosuppressive, pro-survival microenvironment in chronic lymphocytic leukemia. The study will focus on the interactions of leukemic cells with immune cells both ex vivo on organotypic tissue cultures and in vivo, using a new mouse model obtained by crossing p66Shc^{-/-} mice with E μ -TCL1 transgenic mice.

The study requires ample and documented knowledge of the cellular and molecular biology of T lymphocytes, especially of the mechanisms that regulate their activation, differentiation and function. It requires moreover ample expertise in the techniques of molecular and cellular biology and immunology applied to cellular and mouse models. 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-17

Deadline: October 24, 2021