

Postdoctoral position in Advanced Cell Therapy

The host institution

The Center for Cell-Based Therapy (CTC) is offering three Postdoctoral positions for fellows interested in working with interdisciplinary teams of renowned scientists who seek new insights on Cell Therapy and develop innovative cell-based approaches to treat life-threatening diseases. CTC is a part of the Program of Research, Innovation and Dissemination supported by FAPESP (Fundação de Amparo à Pesquisa do Estado de São Paulo). CTC is composed of researchers of the University of São Paulo and of the Regional Blood Center of Ribeirão Preto and possess laboratories equipped with state-of-the-art equipment and a Cell Therapy Laboratory for clinical grade manipulation, manufacturing, and expansion of hematopoietic stem/progenitor cells and chimeric antigen receptor (CAR)-T cells. The University of São Paulo also provides a rich academic environment for knowledge exchange, educational training, and innovative thinking.

Responsibilities

- * Designing, developing, and undertaking research projects in the field;
- * Writing reports and manuscripts for publication in high impact journals;
- * Presenting results in national and international conferences;
- * Participating in group meetings and collaborating with other researchers;
- * Supervising undergraduate and graduate students, if necessary.

Selected applicants will be granted with a FAPESP post-doctoral fellowship (www.fapesp.br).

One position is intended for Ribeirão Preto and two positions are intended for São Paulo.

Requirements:

- * Undergraduate degree in biology, medical biology, medicine, pharmacy-biochemistry or alike areas.
- * PhD degree in immunology, cell biology, molecular biology or alike areas after June/2021.
- * Extensive evidenced experience in immune (primary and line) cell cultivation with specific abilities as gene modification through viral transfection, electroporation, and lipofection.
- * Evidenced experience in column-based cell separation and cell sorting;
- * Extensive evidenced experience in conventional flow cytometry, including experiment design, cytometry panels, and post-acquisition analysis (experience in spectral cytometry will be valued).
- * Relevant publications in the field;
- * Being able to work independently and proactively and manage teams composed of students of different levels and laboratory technicians.
- * Experience in animal models will be valued, as well as molecular biology including DNA/RNA sequencing.

Documents for application:

- * Reference letter by the latest supervisor;

- * Motivation letter;
- * Curriculum vitae and updated Lattes CV.

Applications must be sent to the e-mail: fernanda.udinal@hemocentro.fmrp.usp.br until October 08th until 18 pm (BRT). Additional information on <http://ctcusp.org>.