

INSTITUT CURIE
PEDIATRIC ONCOLOGY CENTRE SIREDO
ITCC FELLOWSHIP PROGRAM

Pediatric Oncology Fellowship

The Pediatric Oncology ITCC Fellowship will be a key position in the Pediatric and AYA Oncology clinical and biological programs. The Pediatric and AYA New Drug Development Program at the Institut Curie encompasses interaction with molecular pathology, drug discovery, immunology, preclinical investigation (in a comprehensive range of model systems), preclinical imaging teams and early clinical studies including functional imaging and pharmaco-dynamic marker analysis.

The fellow will work within the multidisciplinary team carrying out early clinical studies in children and AYA with special focuses on Neuroblastoma, Sarcoma and Neuro-oncology. The fellow will be involved in all new drugs development projects, including immune therapy. Under consultant supervision, He/She will gain extensive experience in all clinical aspects of early phase trials, including screening, trial selection and patient enrolment, coordination of study related investigations, clinical review of patients on Phase I and Phase I/II clinical trials, pharmacovigilance and adverse event reporting as well as liaison with study sponsors and referring clinicians. He / She will attend the weekly Phase I/II clinical meeting as well as all the weekly multidisciplinary tumor boards meetings (Solid tumors, CNS tumours). He/She will also be involved in the multidisciplinary meetings devoted to patients inclusion discussion with referring pediatric oncologist, nurses (including research nurse), psychiatrist and psychologists. He/she will participate to the clinical consultation where early clinical trials inclusion are proposed by a Senior MD. He/She will be responsible for the day-to-day inpatient care of patients, under the supervision of a Senior MD committed in early clinical trials conduct.

Our program provides fellows with a comprehensive education that covers all aspects of pediatric oncology. A central theme of the program will be the translation of laboratory research to clinical trials, which will ultimately alter international practice in pediatric oncology. In addition, there will be opportunities to be involved in devising and writing clinical studies, developing pediatric biomarker platforms data analysis and input into pilot imaging studies. The Fellow will have the opportunity to interact with scientists and address fundamental questions (such as clonal evolution, genetic background of the tumor as well as the impact of the immune microenvironment...)

SIREDO clinical and scientific environment

Our group of experienced researchers and physicians has earned national and international recognition in the areas of neuroblastoma, sarcoma, brain tumors, retinoblastoma and all other pediatric solid tumors. In the clinics, the medical team works with an advanced practice nursing team, as well as a social, educative, psychological/psychiatric team to provide comprehensive care to our patients and families. Pediatric oncologists working at Institut Curie are strongly involved in several SIOP- Europe groups (neuroblastoma, brain tumors, Ewing, soft tissue sarcoma, nephroblastoma, retinoblastoma, Hodgkin and non-Hodgkin lymphoma) and are PI in France of several European studies (medulloblastoma, neuroblastoma, non-RMS soft tissue sarcoma, Ewing sarcoma, retinoblastoma). Institut Curie is one of the major ITCC centers in terms of patients recruitment in ITCC labeled or non-ITCC labeled early clinical trials and is one of the European ITCC Sponsor centers. The Fellow will be involved in the care of children and AYA enrolled on all early clinical studies. Three Senior MDs of the SIREDO's medical team have a special focus on new drugs development and one of them has a special expertise for the development of Immune therapy. The fellow will have privileged interaction with them in the everyday practice. The

AYA patients are followed by either pediatric oncologists (mainly 15-18 years) or adult medical oncologists (mainly 18-25 years). During the fellowship, it is possible for the fellow to spend some of his/her time in the Adults oncology early clinical trial unit, Department of early clinical trials and innovation, headed by Pr Christophe Le Tourneau. Furthermore, the early clinical trial pediatric oncology fellow is invited to the monthly meeting devoted to the Department of early clinical trials and innovation projects discussion. The Institut Curie's early clinical trial units, both in adults and children, are labelled by the French National Cancer Institute (INCa) after international evaluation (CLIP²). Early trials and pediatric oncology are among the Institut Curie's top priorities.

Patients included in early clinical trials may have had previous treatment at Institut Curie or are referred from other centers. There has been very positive feedback from referring clinicians, their shared care colleagues and the families themselves about the service for these patients. SIREDO also benefits from great connections with surrounding hospitals.

The team has strengthened the high quality standards of Good Clinical Practice (GCP) and developed excellent links with academic and industrial sponsors.

The pediatric oncology center strongly beneficiates also from the outstanding scientific environment of the institute including first class research programs in immunology, genetics & epigenetics, radiation biology, cell and developmental biology, physics.

Fellowship Highlights

- A strong pediatric and AYA Oncology program that follows approximately 350 new patients per year
- A leading European center for pediatric patients' recruitment in early phase clinical trials
- A close interaction with fundamental and translational research
- A leading center for early drug development in France and Europe
- Reference center for tumor molecular diagnosis in France

Fellowship Requirements

Ideally, the post holder will have obtained a higher degree, be in the process of doing so or have a strong vision of how they plan to achieve this in future.

- Qualified European Pediatrician
- Broad-based experience in Pediatrics and Pediatric Oncology
- Experience in clinical trials or regulatory matters is a plus
- Team Player; Enthusiasm, Approachability, Effective communication, Committed to personal and professional development
- (French speaker (B2 level) would be helpful but more basic initial French level would be acceptable)