

CALL FOR APPLICATION

INSERM CHAIR Recruitment

Identifying novel mediators and targets for therapy of renal diseases

The Inserm chair recruitments opened to Inserm are intended for researchers with strong potential to manage and lead research teams and participate in national, European or international projects.

This recruitment, based on research and teaching projects, is aimed at researchers with a doctorate or equivalent and a first post-doctoral experience. The position is offered on a fixed-term contract (CDD) with a view to tenure in the Inserm Research Directors personnel at the end of the contract.

How apply: <https://pro.inserm.fr>



Supporting institution:	Inserm : Institut national de la Santé et de la recherche médicale
Name of the head of the institution:	Pr. Didier Samuel
Academic region:	ILE-DE-FRANCE
Location/ Site concerned:	Inserm U1155 - Common and Rare Kidney Diseases : from molecular events to precision medicine - Paris
Partner institution:	Sorbonne Université
Research contact:	Christos CHATZIANTONIOU: christos.chatziantoniou@sorbonne-universite.fr christos.chatziantoniou@inserm.fr Juliette HADCHOUEL: juliette.hadchouel@inserm.fr
Administrative contact:	chaires-professeur-junior@inserm.fr
Research fields EURAXESS:	(Medical sciences)
Keywords:	Kidney Diseases, Biomarkers, Therapy, Fibrosis, Inflammation, Repair

Job title to be filled:	Chaire - Identifying novel mediators and targets for therapy of renal diseases
Body after tenure:	Research Director

Anticipated duration of the contract:	5 years
Scientific domains/fields:	Renal Pathophysiology
Corresponding specialized scientific commissions (CSS):	CSS3 - Physiology and pathophysiology of major systems
Project name:	Identifying novel mediators and targets for therapy of renal diseases

Remuneration package	3 500€ - 5 000€ according to research experience
Quota	Full Time

Strategy of the host institution:

The Inserm Institute is the only organization for research in human health in France, that covers different fields of biomedical research. The proposed research topic of this CPJ is in line with the priorities and performance contract between Inserm and the French government, which are to promote excellence and innovative research and to support a research program encompassing the continuum of health research. The objective of our unit is to fight kidney disease, a major public health problem. It is estimated that the number of people with kidney disease will be one billion worldwide by 2025. It has increased by 8% per year since 2000 due to an aging population, and increasing prevalence of hypertension, diabetes, and autoimmune diseases. In France, 10% of adults have a chronic kidney disease that, in most cases, progresses to end-stage renal failure, whose only treatments are dialysis or transplantation. France counts currently 53,000 dialysis and 42,000 transplant patients. The cost of their treatment represents 3% of the healthcare budget, making it the most expensive disease per patient. The research projects we develop are at the research-health interface advocated by Inserm. They all aim to better understand the mechanisms responsible for kidney disease and identify new targets and therapeutic strategies, with a constant "bedside-bench" back and forth thanks to our implementation in the Tenon Hospital.

Strategy of the host laboratory:

The Inserm UMR S1155 research unit has almost 60 years of existence, and it is devoted to the understanding of pathophysiological insights to combat renal disease. Our unit interacts and closely collaborates with the departments of Nephrology, Physiology, Pathology, and Biochemistry of Tenon and Pitié-Salpêtrière Hospitals, thus creating a 'school of excellence' of translational nephrology. Thanks to this close interaction between basic and clinical research, the unit has excelled since its creation as a training center for researchers and clinician fellows. Our unit was, and is still, committed to investigate the mechanisms of progression of renal diseases, covering the most challenging aspects of this field and being bi-directionally oriented from the bench to the bedside (translational research) and from the bedside to the bench (clinical research). Thus, the proposed research project is in line with our long-standing tradition of acquiring new knowledge, providing excellent quality training to basic science and clinical fellows, interacting with academic organizations and private partners, and having as an ultimate goal the improvement of patients' care.

Summary of the scientific project:

Chronic kidney disease (CKD) is a major burden of public health affecting millions of people around the world. Even though significant progress has been made, and many aspects of the complex mechanisms orchestrating the progression of CKD have been identified, current treatments are partially effective against the progression of the disease. In this context, our team devotes its efforts to identify several new mediators of renal diseases having the potential to be targets for therapy, or new biomarkers to improve diagnosis for patients suffering from CKD. Our experimental approach will combine modern techniques, including single-cell omics, original preclinical models of experimental chronic nephropathy, in vitro organ-on-chip approaches, and cohorts of patients with renal disease. The final objective will be to propose, new methodologies allowing either a more efficient diagnosis or screening and/or synthesis of novel drugs specific to CKD.

Summary of the teaching project:

The teaching themes of this CPJ will be at the "Sorbonne Université". The chairholder will be involved in Master 2 of the "UE renal pathophysiology" (persons in charge: Stéphane Lourdel et Morla Luciana) and of UE "Physiologie and Physiopathologie Circulatoires". She/he will also be part of the jury evaluating candidates of the doctoral fellowships examination of ED 394 "Physiologie, Physiopathologie et Thérapeutique" of SU

National Research Agency package: 200k€

Other package:
Co-funding* U1155 50 k€

*source et montant

Scientific dissemination/ Open Science:

In order to disseminate the data and create new collaborations, members of the CoRaKiD Unit regularly attend and present their results in national (SFNDT) and international (ERA-EDTA, ERCSG, ASN) scientific meetings of nephrology.

Open Science: Regarding the publication of our data, the CoRaKiD complies with the policy of Plan S of the Coalition S, an international consortium of research funding and performing organisations. Plan S is an initiative for Open Access publishing that requires that, from 2021, scientific publications that result from research funded by public grants must be published in compliant Open Access journals or platforms.

Our unit favours publication of our results in Open Access journals. In addition, we enter our publications in the French open archive HAL (<https://hal.science/>) as soon as they are accepted. For non-Open access journals, we use the 'Creative commons CC-BY' licence (<https://creativecommons.org/licenses/by/4.0/>) in order to provide an immediate open

access to the publication, without the 6-month embargo commonly imposed by the Publishers.

Science and society: The CoRaKiD unit regularly participates to actions aiming at sharing its research projects and results with the general public: 'Inserm Destination Labo', Inserm InScience festival, 'Fête de la Science' of Sorbonne University. One of our ANR-funded projects was part of the first "bande dessinée" published by Inserm (InScience). Finally, we welcome every year 3-6 pupils for a 1-2-week training (3^{ème} and 2^{nde}).

Indicators:

Teaching 20%

Research 60%

Knowledge transfer 20%

Selection of candidates:

It is expected the recruited researcher to become rapidly a group leader in the GAD team. So the candidate should demonstrate ability to supervise Ph.D students, post-doctoral fellow and technical support staff. She/he should have the capacity to obtain competitive funding to manage her/his group.

Successful candidates are chosen by a selection commission composed of six to ten members, the majority of whom are specialists in the fields of research concerned.

The commission carries out an initial examination of the applications, focused in particular on candidate experience and skills relative to the research and teaching project presented above. A shortlist of candidates is then selected for interview.

Only candidates selected by the selection committee on the basis of their applications will be invited to interview.

The interviews are followed by a deliberation during which selection commission will discuss the quality, originality and, where appropriate, the interdisciplinarity of the research and teaching projects presented by the candidates, their motivation and their scientific and teaching supervision capacity.

The candidates selected at the end of the selection process will be offered a researcher contract, following approval from the President and CEO of Inserm.

Required profile:

Education Level: **Phd**

Researcher Profile: R3/R4

R3 Established researcher A stage in a researcher's career describing those who have developed a level of independence and can be described as an established researcher

R4 Leading Research A stage in a researcher's career where they can be termed a 'leading researcher'. This would include the team leader of a research group or head of an industry R&D laboratory.

Your application will be evaluated according to the following criteria:

- Relevance and originality of the project related to the research field
- International exposure in research projects
- Your ability to raise funds
- Participation in editorial and reviewing activities
- Your teaching experience
- Your ability to lead a team...

Application instruction:

Applications can be submitted online at [EVA](#).

Deadline application: **September 2, 2025**

Please complete the scientific file in English.

It is imperative to contact the laboratory corresponding to the Chair you have applied for in order to build the project with them.

Position also open to 'Bénéficiaires de l'Obligation d'Emploi' (disabled persons), as defined in article 27 of law no. 84-16 of January 11, 1984 on statutory provisions for the civil service.