Post-doctoral position at INSERM/Sorbonne University

A 2-year postdoctoral research fellow position (with possibility for further renewal) is currently available in Karine Clément's NutriOmics Laboratory group (INSERM/ Sorbonne University UMRS1166) at the Institute of Cardiometabolism and Nutrition (ICAN) for the summer/fall of 2017.

The NutriOmics group (http://www.ican-institute.org/team/umr_s872team-7-nutriomics-nutrition-obesity-systemic-approaches) is an international team of interdisciplinary researchers (clinicians, immunologists, physiologists, bioinformaticians, statisticians) attempting to decipher to role of the gut microbiota and their metabolites in cardiometabolic diseases (CVDs, diabetes, obesity, NAFLD/NASH) through clinical and translational research. The ultimate goal of the research group is to identify novel mechanisms by which the microbiota influences these disease states and the role of therapeutic treatments (bariatric surgery, nutrition, lifestyle intervention) in its modulation. The group is also focused on novel metabolites or inflammatory pathways by which weight gain and loss may occur.

The candidate will also work in interaction with the IntegrOmics group (http://www.ican-institute.org/integromics) directed by Jean-Daniel Zucker, which is comprised of bioinformaticians and biostatisticians. The group is devoted to systems biology using omics data and developing algorithms and bioinformatics tools to examine and predict clinical phenotypes research.

As a postdoctoral research fellow, you will:

- Support current clinical and biological work examining and analyzing metabolites and human gut metagenomics data in cardiometabolic diseases, and more specifically Non-Alcoholic Fatty Liver Disease (NAFLD) and Non-Alcoholic SteatoHepatitis (NASH)
- Contribute to project deliverables and objectives in the European Union-funded H2020 project "Elucidating the Pathways of Steatohepatits" (http://www.epos-nafld.eu/).
- Dedicate your experience by analyzing and interpreting large datasets and interacting with clinicians, biologists, and bioinformaticians to explain the data
- Present research findings at international and national scientific and project meetings and publish in high-impact scientific journals

The ideal candidate would have:

- PhD (biostatistics, biology, microbiology, or related fields) with previous post-doctoral experience
- Experience in the field of metabolic disorders, biostatistics, gut microbiota, and/or metagenomics
- The ability to handle, examine, and analyze large data sets with biological and clinical information.
- Previous use and experience of R analytical software and related packages, knowledge of biostatistics, and willingness to learn data pipeline methods
- General or advanced knowledge of biological systems, physiology, and/or metabolism as well as molecular biology would be greatly beneficial
- Ability to communicate in English (speaking, presenting, and writing)

If you are flexible in working, have a desire to work collaboratively in an interdisciplinary team, and would like to work on European and national level projects in the scope of project-specific deadlines, this is for you.

Candidates interested in this position should send a copy of their CV/resume, start date availability, and contact information for three references (recent supervisor/advisor included) to **T.Swartz@ican-institute.org**. For the subject line please use "**EPoS postdoctoral position**". Candidates can also direct any pertinent questions regarding this position to this e-mail address. Salary is competitive and commensurate with experience and includes healthcare benefits. Letters of recommendation of mentors are most welcomed.