

Postdoctoral Fellow Position at NIH to study the impact of alternative splicing on cell fate decision and disease using CRISPR-based functional genomics

Fully funded postdoctoral research positions are available in Thomas Gonatopoulos-Pournatzis Functional Transcriptomics section within the RNA Biology Laboratory at the National Cancer Institute (NCI) in Frederick, MD at the National Institute of Health (NIH). The research of the group is focused on developing and applying exon-resolution CRISPR-based phenotypic screens to uncover splicing regulatory mechanisms that underlie biological complexity and when disrupted contribute to diseases including cancer and neurodevelopmental disorders.

These projects will afford the postdoctoral fellow with the unique opportunity to develop and apply cutting-edge technologies including high-throughput CRISPR screening strategies, and to be part of a highly collaborative research environment in a newly equipped lab with state-of-the-art core facilities including, but not limited to, next-generation sequencing, mass spectrometry and imaging. The candidate will be fully funded by a competitive intramural fellowship. However, application for fellowship opportunities outside NIH are encouraged and supported. For more information about our research, please visit the Gonatopoulos-Pournatzis website at:

<https://ccr.cancer.gov/RNA-Biology-Laboratory/thomas-gonatopoulos-pournatzis>

Applicants must have a Ph.D. degree and expertise in molecular biology, genetics, biochemistry, cell biology or bioinformatics. Applications from international candidates eligible to obtain a valid employment authorization visa are very much welcomed. Applicants with research experience in RNA biology, CRISPR technology, molecular biology and bioinformatics are especially encouraged to apply.

The Gonatopoulos-Pournatzis lab is part of NCI's Center for Cancer Research (CCR). CCR offers fellows access to cutting-edge technologies and cores, a highly collaborative environment, awards and research forums to recognize outstanding post docs, continuous scientific symposia and lectures featuring leading researchers, a strong commitment to translational research, and a vibrant clinical research program housed in the world's largest dedicated research hospital, the NIH Clinical Center. Read more about CCR, the benefits of working at CCR and hear from our staff on their CCR experiences:

<https://ccr.cancer.gov/about>

<https://ccr.cancer.gov/careers/benefits/why-ccr>

<https://ccr.cancer.gov/careers>

Applicants should send a cover letter, CV including bibliography, and contact information of three references to Thomas Gonatopoulos-Pournatzis: t.gonatopoulos@gmail.com