

Postdoctoral Position

TITLE: Post-Doctoral position in Genomics

LOCATION: University of Texas Health Science Center at Houston

SALARY: Commensurate with experience

CLOSING DATE: Open until filled

DURATION: Two years with a possibility of extension depending on performance and funding

A two-year postdoctoral position (with the possibility of renewal) is available in the laboratory of Dr. Ghislain Breton at the University of Texas Health Science Center Houston. Our group studies *cis*-regulatory circadian networks using zebrafish as model system. The candidate will lead an ongoing project expanding our adult liver transcriptional studies to different tissues and developmental stages. Techniques being used are microarray profiling, TALEN-driven gene disruption, and generation of new reporter lines using BAC recombineering. We are looking for a motivated, creative researcher. Preference will be given for candidate with background in circadian biology/metabolism and/or zebrafish model and/or genomics/bioinformatics.

We are a new lab in the Texas Medical Center from walking distance of Baylor College of Medicine, MD Anderson Cancer Center, and Rice University. The UT Houston Department of Integrative Biology and Pharmacology offer a stimulating working environment with 33 Faculties, 15 of which were hired in the last three years. Our lab is equipped with state-of-the-art equipment for circadian studies in zebrafish (Fully-automated luciferase screening station for 1-6 multiwell plates under various light/dark conditions, dedicated zebrafish tank room for diurnal experiments including digital setup for micro-dissection under infrared light). Our Department has established a new, purpose-built, advanced cell-imaging facility that provides four confocal, TIRF, wide-field and confocal FLIM microscopy, high content screening as well as an IVIS system for small animal imaging. In addition, our building hosts the John S Dunn Gulf Coast Consortia Chemical Genomics screening core.

We will continue to review applications until the position is filled. Please send a CV, including a list of publications, a pdf of one representative prior paper and the contact information of 2 or 3 referees to Ghislain Breton (Ghislain.breton@uth.tmc.edu).

The University of Texas is an Equal Opportunity/Affirmative Action Employer. M/F/D/V. This is a security sensitive position and thereby subject to Texas Education Code § 51.215. A background check will be required for the final candidate.