



DIPARTIMENTO DI SCIENZE BIOMEDICHE E NEUROMOTORIE

Call for a research position (one-year duration and eventual renewal) at DIBINEM-Physiology Division, Piazza di Porta S. Donato 2, 40126, Bologna

https://bandi.unibo.it/ricerca/assegni-ricerca?id_bando=67003

Project title: Study of the neurophysiological effects resulting from subarachnoid hemorrhage.

Supervisor: Prof. Domenico Tupone

Project Synopsis: Neurogenic fever is a hyperthermia emerging in response to Subarachnoid hemorrhage that does not respond to conventional antipyretic treatment. This project aims to describe the central nervous system centers involved in the generation and control of Neurogenic Fever. Anatomical techniques will be implemented in rodent models to achieve the goals of the project and describe the central nervous system involved in the control of Neurogenic Fever. Increasing our knowledge of this system will allow the design of a new pharmacological approach to the treatment of Neurogenic Fever. The applicant will be responsible for conducting most of the experiments, completing the project goals as detailed in the application, analyzing data, writing up the results for publication, and presenting the results to national meetings. The applicant will receive direct training from the PI, take part in regular lab meetings and journal clubs, and have access to all the departmental services.

The project is in collaboration with Prof. Giuseppe Bertini (Dip. Neuroscienze, Biomedicina e Movimento, Università degli Studi di Verona, Verona, Italy).

Education: Master or equivalent degree in the area of biology, biotechnology, pharmacy, medicine, and psychology

Experience: Experience in rodent surgery, neurophysiology techniques applied to anesthetized and freely moving animals, pharmacological manipulation of specific central nervous structures, and immunohistochemical investigation.

Languages: Italian, English

Start service: February 1st, 2024

For detailed project scientific information, please contact dr. Timna Hitrec at timna.hitrec2@unibo.it

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