



The Department of Medicine at the University of Miami, Miller School of Medicine, has an exciting opportunity for a full time Postdoctoral Associate. This Postdoctoral Associate position will support Dr. Joao Pedro Werneck with his investigations that focus on implementing in vivo tools to understand the thyroid gland physiology and how exercise impacts human pancreatic islets.

- Investigate the mechanisms of thyroid gland and pancreatic islet physiology at the molecular and physiological levels using basic and advanced molecular biology techniques such as western blotting, quantitative PCR and ELISA.
- Islet culture and maintenance,
- Mouse colony maintenance, dissection and physiological experiments with rodents.
- Preparation of tissues, cell cultures and blood samples for testing.
- Basic and confocal microscopy for histology and in vivo imaging.
- Set-up instruments, material, apparatus and operate laboratory equipment required for specific assays.
- Perform a variety of complex technical duties involved in conducting physical, chemical, biological and other research laboratory tests.
- Designing, performing and analyzing experiments in collaboration with Dr. Werneck.
- Reviewing relevant scientific literature; preparing written reports of experimental results and keeping detailed laboratory books.
- Record and document the collected data and perform analyses by employing provided analytical tools. Prepare manuscripts for publication.
- Contribute to decisions on experimental approaches, data analysis strategies and publication strategies.
- Weekly implementation of projections, in consultation with Dr. Werneck.
- Assist in solving problems related to equipment and data analysis.

This list of duties and responsibilities is not intended to be all-inclusive and may be expanded to include other duties or responsibilities as necessary.

Minimum Qualifications

- Ph.D. or other doctoral degree in a life science discipline or M.D.
- No experience required, however, prefer at least one (1) year relevant work-related experience with evidence of tangible contributions to the dissemination of new research information.
- Skill in collecting, organizing, and analyzing data.
- Ability to recognize, analyze, and solve a variety of problems.
- Ability to exercise sound judgment in making critical decisions.

The University of Miami offers competitive salaries and a comprehensive benefits package including medical, dental, tuition remission and more.

UHealth-University of Miami Health System, South Florida's only university-based health system, provides leading-edge patient care powered by the ground breaking research and medical education at the Miller School of Medicine. As an academic medical center, we are proud to serve South Florida, Latin America and the Caribbean. Our physicians represent more than 100 specialties and sub-specialties, and have more than one million patient encounters each year. Our tradition of excellence has earned worldwide recognition for outstanding teaching, research and patient care. We're the challenge you've been looking for.

Patient safety is a top priority. As a result, during the Influenza ("the flu") season (September through April), the University Of Miami Miller School Of Medicine requires all employees who provide ongoing services to patients, work in a location (all Hospitals and clinics) where patient care is provided, or work in patient care or clinical care areas, to have an annual influenza vaccination. Failure to meet this requirement will result in rescinding or termination of employment.

The University of Miami is an Equal Opportunity Employer - Females/Minorities/Protected Veterans/Individuals with Disabilities are encouraged to apply. Applicants and employees are protected from discrimination based on certain categories protected by Federal law. Click [here](#) for additional information.