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# Postdoctoral Fellow

Tulane University: School of Medicine: Basic Science Departments:  
Biochemistry & Molecular Biology

## Location

New Orleans, LA

## Open Date

Jan 19, 2021

## Description

The Postdoctoral Fellow for the Department of Biochemistry and Molecular Biology will be responsible for developing mass spectrometry-based new technologies and approaches to detect and measure biomarkers associated with cancer and infectious disease, and to employ these methods to analyze samples from animal models of human disease and human subjects to test and validate their performance.

We are a multi-disciplinary team across biology, chemistry and bioinformatics. You will join a team that focuses on developing non-invasive approaches for early disease diagnosis and disease prognosis, the use of advanced mass spectrometry approaches for proteomics and protein/peptide characterization, and analysis of extracellular vesicles as biomarkers in the progression of cancer and infectious disease.

## Qualifications

1. Recent Ph.D. in in protein mass spectrometry, proteomics or related field, with demonstrated skills in analytical chemistry, MALDI, LC-MS/MS
2. Research experience in nano/micro scale liquid chromatography, electrospray ionization, high resolution mass spectrometry, protein biochemistry, top-down and bottom-up proteomics including project design, sample preparation and data analysis, PTM identification.




## Application Process

This institution is using Interfolio's Faculty Search to conduct this search. Applicants to this position receive a free Dossier account and can send all application materials, including confidential letters of recommendation, free of charge.

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