

Graduate Research Assistant

Description

The Pomin lab at the Pharmacognosy division, Department of BioMolecular Sciences, School of Pharmacy, University of Mississippi, invites applications for a graduate research assistant. The Pomin lab conducts research in the fields of structural and medicinal glycobiology. Studies focus primarily on novel and complex sulfated glycans of unique structures and new biomedical functions, especially those extracted from marine organisms. The Pomin lab is multidisciplinary, and many fields like cancer biology, virology, blood coagulation, carbohydrate chemistry, structural biology, and medicinal glycobiology are studied. Students in the Pomin lab are trained in multiple analytical techniques, including nuclear magnetic resonance spectroscopy, surface plasmon resonance spectroscopy, mass spectrometry, many methods of liquid chromatography, electrophoresis, cell-based assays, enzyme inhibition, and other complementary in silico, in vivo, and in vitro techniques. Trainees in the Pomin lab participate in an extensive collaborative research network with other institutes, including the University of Georgia, Rensselaer Polytechnic Institute, the Arkansas Colleges of Health Education, Georgetown University, and Virginia Commonwealth University. Stipend and tuition are covered. We are accepting applications now for recruitment in Fall 2025 or Spring 2026. Please, send your complete CV including names and email addresses of 3 references to vpomin@olemiss.edu.

Responsibilities – Laboratory research, data presentation, teaching assistance, undergraduate student supervision in laboratory research, and thesis/dissertation development.

Qualifications – Successful applicants must hold an undergraduate academic degree (B.Sc) in related areas like biochemistry, chemistry, biology, pharmacy, and bioengineering.

Contact – Vitor Pomin, vpomin@olemiss.edu

Post End Date – 08/15/2025

Contacts

Website – <https://olemiss.edu/profiles/vpomin.php>

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Hiring organization

School of Pharmacy, University of Mississippi; <https://olemiss.edu/profiles/vpomin.php>

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