



*University of Michigan
Ann Arbor, Michigan*

Job Description

Applications are now being accepted for a Postdoctoral Research Associate associated with Brandon Ruotolo's laboratory in the Department of Chemistry at the University of Michigan. Specifically, A post-doctoral scholar is sought to pursue objectives associated with work in collaboration with Agilent Technologies, focusing on developing next-generation ion mobility-mass spectrometry equipment and methods for the analysis of biotherapeutics.

For further information regarding Ruotolo group research, please visit our website at: <https://sites.lsa.umich.edu/ruotolo/>

For group news, please find us on twitter: [@Ruotololab](https://twitter.com/Ruotololab)

Both the Ruotolo group and the University of Michigan are committed to recruiting, selecting and retaining a diverse and excellent staff. As such, we have adopted a policy of equal opportunity for all persons and does not discriminate on the basis of race, color, national origin, age, marital status, sex, sexual orientation, gender identity, gender expression, disability, religion, height, weight, or veteran status in employment.

To read more about the Ruotolo lab philosophy of inclusion, diversity and equity for all scientists, please visit: <https://sites.lsa.umich.edu/ruotolo/2020/06/11/ruotolo-lab-philosophy-cornerstones/>

All appointments, by UM policy, are limited to an initial 1-year term, and can be extended further.

Candidates for the above position with the following qualifications are encouraged to apply:

Minimum qualifications

- Highly motivated individuals with a Ph.D. in chemistry, biology, biochemistry or equivalent doctorate (e.g., D.Sc.)
- Experience in standard chemical and biochemical techniques such as (but not limited to) mass spectrometry, HPLC, proteolytic digests, molecular modeling, chemical modification of proteins, etc.
- Ability to organize work effectively, conceptualize and prioritize objectives and exercise independent judgment based on an understanding of organizational policies and activities.
- Ability to integrate resources, policies, and information for the determination of procedures, solutions and other outcomes.
- Ability to establish and maintain effective work relationships with other employees and the public. Ability to plan and allocate the workload of employees, providing direct training and supervision as needed.

Preferred qualifications

- Ph.D. in mass spectrometry or related areas.
- Hands-on experience in the areas of proteomics, mass spectrometry, ion mobility, and molecular modeling.
- Knowledge of computational methods in proteomics and systems biology.

Applications will be accepted through **January 10th, 2023**. We anticipate accommodating a **flexible start date** for successful applicants, and a starting salary of between **\$54,840 and \$55,224** per year.

Interested parties please send a detailed CV and cover letter to Prof. Brandon Ruotolo at bruotolo@umich.edu