POST-DOCTORAL ASSOCIATE
Research Group of Dr. Serdal Kirmizialtin
NYU Abu Dhabi

The Research Group of Dr. Serdal Kirmizialtin in the Division of Sciences at New York University Abu Dhabi seeks to appoint a Post-Doctoral Associate. The research will focus on the development and use of advanced Molecular Dynamics methods for multiscale simulations of DNA replication and RNA folding. You will find more information at https://nyuad.nyu.edu/en/academics/faculty/serdal-kirmizialtin.html.

The successful applicant will have a solid background in physics, chemistry or biology. A PhD in chemistry, physics, or related field with a background in molecular dynamics simulations, ideally in both methods and applications. Computer programming skills are also desirable to develop codes from scratch and modifying existing codes such as GROMACS and AMBER. The ideal candidates will also have expertise in QM/MM calculations.

NYUAD offers a stimulating research environment led by a distinguished research community and supported by state-of-the-art research facilities.

The terms of employment include a very competitive salary, medical insurance, housing allowance, and educational subsidies for children as well as other benefits. Applications will be accepted on a rolling basis and candidates will be considered until the position is filled. To be considered, all applicants must submit a cover letter describing managerial and scientific experience and specify the specific interests in this position, curriculum vitae including a complete list of publications, a one-page summary of research accomplishments and interests, and at least 3 letters of recommendation, all in PDF format. To apply, please visit our website at http://nyuad.nyu.edu/en/about/careers/faculty-positions.html. Include names and addresses of three references to serdal@nyu.edu.

About NYUAD:
New York University has established itself as a Global Network University, a multi-site, organically connected network encompassing key global cities and idea capitals. The network has three foundational degree-granting campuses: New York, Abu Dhabi, and Shanghai, complimented by a network of eleven research and study-away sites across five continents. Faculty and students will circulate within this global network in pursuit of common research interests and the promotion of cross-cultural and interdisciplinary solutions for problems both local and global.

In its sixth year, NYU Abu Dhabi has recruited a cohort of faculty who are at once distinguished in their research and teaching. Our students are drawn from around the world and surpass all traditional recruitment benchmarks, both US and global. NYU Abu Dhabi’s highly selective liberal arts enterprise is complemented by an institute for advanced research, sponsoring cutting-edge projects across the Arts, Humanities, Social Sciences, Sciences, and Engineering.

EOE/Minorities/Females/Vet/Disabled