

# **RNA Biology & Immunology**

## **RESEARCH ASSOCIATE**

### **FANG LAB – UMASS CHAN MEDICAL SCHOOL**

The laboratory of Dr. Wenwen Fang at the RNA Therapeutics Institute, UMass Chan Medical School is

seeking a Research Associate to work at the exciting intersection of RNA biology and immunology. The

Fang lab employs a wide range of tools including molecular biology, biochemistry, functional genomics,

single-cell technology, and imaging to investigate RNA sensing in innate immunity and its relevance to

human health. To learn more about the Fang lab please visit: <http://www.fang-lab.org>.

#### **Major Responsibilities**

- Perform primary research under the PI's guidance
- Carry out routine lab work including molecular cloning, cell culture, CRISPR genome editing
- Collect, organize, and analyze data
- Engage intellectually in the lab's research projects and contribute to a highly motivated and collaborative lab environment
- Help maintain lab supplies, reagents, and equipment

#### **Qualifications**

- Bachelor's degree in Molecular Biology, Chemistry, or a related discipline
- One year or more molecular biology lab experience
- Ability to work independently with appropriate training
- Strong organizational and interpersonal skills
- Judgment and action skills required to solve problems
- Commitment to this position for at least two years, with the goal of co-authoring primary research papers

#### **About the PI**

Dr. Wenwen Fang received her B.S. in Biology in Fudan University in 2007, and her Ph.D. in Molecular

Biology at Princeton University in 2012. She conducted her postdoctoral training in Dr. David Bartel's lab at

the Whitehead Institute/MIT. Wenwen has published impactful research articles in prestigious journals such

as Cell and Molecular Cell, and is recipients of distinguished awards including the Department of Defense

Predocorial Fellowship, Scaringe Young Scientist Award (RNA Society), Norton B. Gilula Award (American

Society for Cell Biology), Damon Runyon Postdoctoral Fellowship, and the NIH Pathway to Independence

Award (K99/R00).

#### **About RTI and UMass Chan Medical School**

The RNA Therapeutics Institute (RTI) is a world-renowned place for RNA research. By bringing together

scientists from both basic science and clinical backgrounds, RTI is at the forefront of translating our

fundamental knowledge of RNA biology into novel therapies. For more information please visit

<https://www.umassmed.edu/rti/>.

The greater research community at UMass Chan Medical School is known for its strength in RNA

biology and immunology, and fosters a highly supportive and collaborative environment.

Located in the

Worcester and greater Boston area, UMass Chan Medical School is an ideal place for biomedical

training with outstanding job prospects in both academia and industry.

How to apply

Interested applicants should send a cover letter and CV to the PI at [wenwen.fang@umassmed.edu](mailto:wenwen.fang@umassmed.edu).