

Full Job Description:

A staff scientist or postdoctoral position available to work in the area of chromosome biology and synthetic biology.

POSITION SUMMARY:

Dr. Bin Zhang's lab in the department of Pathology and Laboratory Medicine, University of Rochester, NY, is looking for a highly motivated staff scientist or postdoctoral fellow to work in the area of cytogenetics and chromosome biology. Dr. Zhang's group studies the formation, plasticity and epigenetic inheritance of centromere, and its applications for synthetic biology and potential clinical applications. The candidate should hold a PhD degree and have a strong background in molecular biology and cell biology. Experience with cell culture, gene cloning, DNA/RNA detection/quantification, and protein expression/detection, is required. Experience with programming and genomic data analysis is desirable but not required.

JOB RESPONSIBILITIES:

1. Designs, directs, and executes research in the area of cytogenetics and chromosome biology;
2. Analyzes, evaluates, and interprets experimental data;
3. Keeps abreast of the latest developments and trends in the field of centromere biology;
4. Contributes to writing of research manuscripts and grant proposals.

QUALIFICATIONS:

For the postdoctoral fellow position, a doctoral degree in molecular biology, cell biology, biochemistry, genetics or related scientific field is required.

For the staff scientist position, a minimum of 2-5 years of relevant postdoctoral training is required.

To apply, please send an email to Dr. Bin Zhang (bin_zhang@urmc.rochester.edu) with a CV, names of three references, and a brief summary of previous research experience and future interests, or apply online at **URMC Job ID [223150](#)**.