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Title: Technical Assistant

Req Number: mit-00003486

Department: Center for Cancer Research

Location(s): Cambridge MA

FT/PT: Full Time

Employment / Payroll Category: SRS (Research)

Work Shift:

TECHNICAL ASSISTANT, Center for Cancer Research, to study signal transduction events in cancer in the laboratory of Prof. Michael Yaffe. The project is focused on analyzing signal transduction events that control cell cycle checkpoints and tumorigenesis after DNA damage using a systems-biology approach. Duties include molecular cloning, cell biology and biochemistry, and the generation and characterization of knock-out mice; assisting in developing and utilizing novel, state-of-the-art technology and analyzing signal transduction in vivo; organizing experiments and tests by studying project objectives and processes; completing experiments and tests by operating equipment and performing protocols; documenting results by maintaining logs, charting data, and preparing reports; keeping project leader informed about unusual results; keeping equipment operating, troubleshooting breakdowns, maintaining supplies, performing preventive maintenance, and calling for repairs; maintaining safe and healthy work environment; keeping research information confidential; participating in educational opportunities and reading technical bulletins; and enhancing research and the organization's reputation by accepting ownership for accomplishing new and different requests and exploring opportunities to add value.

REQUIREMENTS: a B.S./B.A. in biological sciences, experience in genetics and/or molecular/cellular biology, exceptional organizational skills, meticulous attention to detail, and a commitment to producing accurate and high-quality work. Seek self-motivated, committed individual who exceeds quality standards and provides exceptional services. Practiced documentation skills needed. Must be able to use multiple resources and quantitative and qualitative research methodologies to capture and interpret information. Should be aware of basic safety issues, following safety procedures and maintaining a safe work environment. Must be trained in hands-on equipment maintenance. Experience with animal handling and/or cell culture preferred. MIT-00003486

Salary range: \$33-36,000

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