Research Technician:

The Mouse Genetics Core Facility provides genotyping services required for the maintenance of colonies of transgenic, gene-targeted, and mutant mice belonging to investigators at MSKCC. Genotyping is also required to identify genetically modified mice generated for users.

Contacts

Shelby Bharrat

Job Functions
Research, Technician

 Desired Skills

Requirements:

• B.A. or B.S. in Biology, Biochemistry, or Molecular Biology

• 2 years of laboratory experience in molecular genetics/molecular biology

• M.S. in Biology, Biochemistry, or Molecular Biology preferred

• 3 or more years of laboratory experience in molecular genetics/molecular biology preferred

Responsibilities

As a Senior Research Technician in Mouse Genetics Core Facility you will:

• Prepare genomic DNA from mouse tissues provided by Core staff or users

• Perform using standard molecular techniques to purify and isolate genomic DNA from mouse tissues for genotyping by PCR and Southern Blot assays

• Analyze and enter genotyping data into a computer database and communicating results to investigators or Core staff

• Isolate & purify transgene DNA from plasmids or BAC clones for microinjection by Core staff

• Analyze BAC or transgene DNA submitted by users by gel electrophoresis prior to injection

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Qualifications

Allowed School Years
Senior
Allowed Majors
All majors allowed

Work Authorization Requirements
No US work authorization required