Supervisor
Lab Animal Services

sought by Novartis Institutes for BioMedical Research for the Cambridge, MA office. Candidate must possess a Master's degree or foreign equivalent in Biology and 3 years experience in the management of fish facility and fish colony including the establishment of zebrafish mutant stock center. Must have experience developing and maintaining fish database.

Respond to
Arlene O'Rourke
Human Resources Dept.
Requisition #35236
One Health Plaza, B104/1G38
East Hanover, NJ 07936

Novartis is an EOE Employer.

Director of Zebrafish International Resource Center

The Zebrafish International Resource Center on the University of Oregon campus seeks a Director. The Resource Center is an NIH funded Biomedical Models Research Center. Primary activities include:

- Acquisition, maintenance, and distribution of zebrafish genetic stocks and research materials.
- Consultation and pathology services, directed by a staff veterinarian and a fish pathologist, including characterization of endemic diseases and development of diagnostic and control methods.
- Development of improved biosecurity, husbandry, and cryopreservation methods.
- Development of a web-based resource inventory and fish colony database with a staff Database Administrator.
- Coordination of collaborations with the zebrafish research database ZFIN.

The Director will be responsible for all operations of the Resource Center and will need to interact effectively with the research community. Candidates should have at least 10 years of background in embryology and genetics, at least 5 years experience in a similar position (with zebrafish) and strong organizational and management skills. PhD required. Hands-on experience with fish cryopreservation, fish colony and facility maintenance, molecular, genetic, cellular, and embryotechnical activities are mandatory. Excellent knowledge of embryonic anatomy and previous experience with mutant analysis is essential. Proficiency in multiple languages desirable.

More information at: http://zfin.org/zf_info/news/jobs.html#ZIRCDir

Send resume, letter of interest, and the names and telephone numbers of 3 references to Peg Morrow, Institute of Neuroscience, 1254 University of Oregon, Eugene, OR 97403-1254; fax 541-346-4548; or email: morrow@uoneuro.uoregon.edu.

The UO is an AA/EEO/ADA institution committed to cultural diversity. We invite applications from candidates who share our commitment to diversity. Applications received by April 1, 2007 receive first consideration.

Research Associate - Zebrafish International Resource Center

The Zebrafish International Resource Center (ZIRC) at the University of Oregon, Eugene, OR seeks a full-time highly experienced Research Associate. The successful candidate will be highly competent and skilled in molecular and genetic techniques including PCR, whole-mount in situ hybridization, antibody labeling, microscopy, as well as other general laboratory procedures. He/She will be responsible for evaluating, developing, and conducting assays to genotype and phenotype mutant and transgenic zebrafish. Experience in supervising, organizing, and managing day-to-day laboratory operations is required. He/She will also provide scientific assistance and technical support to the staff and will have the opportunity to perform research in the area of zebrafish husbandry and pathology. In addition, the successful candidate will provide information and consultation to the international scientific community on ZIRC products including zebrafish lines and molecular identification procedures.

The minimum requirements include a Ph.D. in a relevant field and at least 5 years experience in designing and implementing genotyping assays such as Allele Specific Amplification, dCAPS, and RFLP assays. Prior experience with zebrafish is essential. Skills and knowledge in the areas of zebrafish husbandry, zebrafish pathogens, cryopreservation, and in vitro fertilization are highly desirable. Strong verbal and written communication skills are required. Proficiency in multiple languages desirable. The ability to integrate into a diverse work group is essential. Salary is commensurate with qualifications and experience.

More information at: http://zfin.org/zf_info/news/jobs.html#ZIRCResAsso. Send resume, letter of interest, and the names and telephone numbers of 3 references to Peg Morrow, Institute of Neuroscience, 1254 University of Oregon, Eugene, OR 97403-1254; fax 541-346-4548; or email: morrow@uoneuro.uoregon.edu.

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**Volumetric Drinking Monitor**

Measures the amount of liquid consumed, in multiple cages, with 20 µL resolution.

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**Animal Treadmills**

**Enclosed Metabolic Treadmill**

Designed for measuring VO2/VCO2 during exercise; features a completely air tight enclosure, adjustable speed, inclination, and electric stimulus.

**Open Treadmill Exer 3/6**

Accommodates 3 rats or 6 mice. Features adjustable inclination, speed and acceleration.

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**Mazes**

- T
- Radial
- Barnes

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**Oxymax Comprehensive Lab Animal Monitoring System (CLAMS)**

Developed in collaboration with The Jackson Laboratory, can measure up to 11 parameters including VO2/VCO2, Feeding, Drinking Volume, Activity, and Urine Production. All systems built custom to order.

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**Measuring Coordination**

**Rota Rod**

Measurement of sensorimotor recovery after brain or spinal chord injury. Consists of a horizontally mounted ladder with a sensing/conditioning platform beneath. Counts number of missteps.

**Foot Misplacement Apparatus**

Used to test the motor performance, performance time, partial or complete ataxia, and motor coordination in laboratory animals. Features adjustable height and acceleration mode. Replaceable rods for rats and mice.

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**Non Invasive Blood Pressure**

Measures systolic, diastolic, and mean blood pressure as well as heart rate of rats and mice. System works on the tail cuff method utilizing a sensor cuff and an occlusion cuff. Can measure 1 to 8 animals and the system includes software.

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**Cardiac Output of Rats & Mice: Cardiomax III**

Measures cardiac output by thermodilution. The system also measures blood pressure and logs EKG. Suitable for animals ranging in size from mice to horses. Interfaces to PC.

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**Invasive Blood Pressure**

Utilizes a blood pressure transducer to measure and display the systolic, diastolic, and mean blood pressure as well as heart rate.

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**Precision Ventilator**

Interchangeable pistons that allow for more accurate ventilation volumes (0.1-100 ml). Pistons never require lubrication. The breath rate is adjustable (5-200 BPM) as is the inspiration/expiration ratio (4:1 to 1:4).

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Over the past 30 years, the Rolex Awards for Enterprise have helped scores of men and women make our world a better place. If, like them, you have a groundbreaking idea and the ability and determination to bring it to a successful conclusion, this is your chance to apply for a Rolex Award in 2008.

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CALL FOR ENTRIES: THE 2008 ROLEX AWARDS. For further details or an application form, visit our website at www.rolexawards.com or write to: The Secretariat, The Rolex Awards for Enterprise, P.O.Box 1311, 1211 Geneva 26, Switzerland. DEADLINES: for Asia, the Pacific and North, Central and South America, May 31, 2007; for Europe, the Middle East and Africa, September 30, 2007.