



**BRIGHAM AND
WOMEN'S HOSPITAL**



**HARVARD MEDICAL SCHOOL
TEACHING HOSPITAL**

Job Description

A postdoctoral fellow position is available in the lab of Ronald Nepl in the Department of Orthopedic Surgery at Brigham and Women's Hospital & Harvard Medical School.

The Nepl laboratory is focused on the molecular regulation of skeletal muscle homeostasis in health and disease. Our overarching goal is to understand how ncRNAs control the essential processes of myogenesis and hypertrophic growth, and how perturbations in these processes may lead to a disease state resulting in muscle atrophy. Using traditional biochemical and molecular biology techniques, in vivo and in vitro model systems, as well as next generation RNA sequencing, we seek to discover and understand the biological roles these ncRNAs play in the maintenance of lean muscle mass.

Qualifications

The ideal candidate will have a Ph.D, M.D., or M.D./Ph.D. with strong skills and experience in epigenetics, cellular and molecular biology, and/or stem cell biology. Prior experience with analyzing genome wide and/or next generation sequencing data is desired. Excellent oral and written communication skills are essential. The position provides an exciting opportunity to work at the interface of basic and translational research in the collaborative and stimulating environment of Brigham and Women's Hospital, Harvard Medical School, and the Longwood Medical Area.

Interested candidates should provide:

- 1) your CV
- 2) A brief letter detailing your interest in the lab and relevant past research experience
- 3) The contact information for three references who can comment on your research

Application materials and any questions regarding the position should be sent to:

Dr. Ronald L Nepl
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