



COLUMBIA UNIVERSITY
MEDICAL CENTER

GEORGE Z. MENTIS, PHD
Assistant Professor

POSTDOCTORAL POSITION AT COLUMBIA UNIVERSITY

A position is available for a 3 year postdoctoral fellowship at the Center for Motor Neuron Biology and Disease at Columbia University.

We are aiming to recruit a postdoctoral researcher at the **Motor Neuron Center** at Columbia University. Two projects are currently available. The first project involves the study of the pathophysiological changes in spinal circuitry that underlie motor neuron dysfunction in a mouse model of Spinal Muscular Atrophy (see Mentis et al, 2011, Neuron). The second project aims to study the contribution of a novel class of excitatory interneurons in the neonatal mouse spinal cord to the genesis of rhythmic behavior during normal development.

We are seeking a candidate with a strong background in physiological assays, including whole-cell patch clamp and extracellular recordings. These assays will be employed in combination with optical imaging, novel tracing methods and immunohistochemistry approaches. Candidates with a PhD in Neuroscience or Physiology and experience in intracellular recordings or confocal microscopy are strongly encouraged to apply.

Interested candidates should send a cover letter indicating their research interests and experience, a CV and contact details of three referees to **Dr. George Mentis** (gzmentis@columbia.edu).

The Motor Neuron Center (MNC) at Columbia University (<http://www.columbiamnc.org/>) brings together 40 basic and clinical research groups working on different aspects of motor neuron biology and disease. One of the strengths of the MNC is a membership housed in multiple departments throughout both Columbia campuses. This allows bringing together the incredible depth of highly relevant and complementary expertise of many Columbia scientists in order to facilitate breakthroughs in the field of motor neuron research.

Columbia University takes affirmative action to ensure equal opportunity.