

10th Anniversary Celebration

of the Donald W. Reynolds
Department of Geriatric Medicine
Commemorative Lecture



Excitation- Contraction Uncoupling in Aging Skeletal Muscle

Presented by

Oswaldo Delbono, MD, PhD

Professor

Wake Forest University Health Sciences

The main focus of our research is to determine the molecular and cellular mechanisms underlying the age-dependent alterations in structure and function of motoneurons and skeletal muscle fibers. Particularly of interest are the reciprocal interaction between muscle cells and brain and spinal cord motor neurons, the mutual influence of neurons and muscle cells on gene expression, the role of tropic factors and ion channels in tissue function, and interventions aimed at ameliorating and/or delaying the age-dependent impairment in the neuromuscular system.

**Wednesday,
October 10 , 2007
10:30 a.m. to 11:30 a.m.**

**Biomedical Research Center
Seminar Room
975 N.E. 10th Street**

Lunch Provided
11:30 a.m.
RSVP 271-8549