

factors. We are currently investigating the molecular mechanism of such MN trophic responsivity in the brachial region of the chick spinal cord, which expresses robust levels of c-Ret and GFR α 1 but fails to respond to exogenous glial derived neurotrophic factor. Finally, we provide evidence that NTF-R expressed by Schwann cells signal *in trans* to regulate MN survival. Together, these findings highlight new levels of complexity in the regulation of MN survival *in vivo*.

16:00-17:00

Speaker2:

Ronald W. Oppenheim

<Wake Forest University School of Medicine >

Title:

"The role of neuromuscular activity and neurotrophic factors on motoneuron development"

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