



## PROTECTION AGAINST NEURODEGENERATION: ARE THERE COMMON ENDOGENOUS MECHANISMS AND DOES PRECONDITIONING RESEARCH PROVIDE INSIGHTS?

This SFN satellite symposium of the Neurotoxicity Society ([www.neurotoxicitysociety.org](http://www.neurotoxicitysociety.org)), supported in part by the Loyola University Chicago Neuroscience Institute ([www.meddean.luc.edu/content/neuroscience-institute](http://www.meddean.luc.edu/content/neuroscience-institute)), brings together neuroscience researchers with "cutting edge" concepts and results about endogenous neuroprotective mechanisms—often derived from models of preconditioning and also postconditioning—that could be of translational benefit in neurodegenerative conditions and disorders.

When? Friday October 16, 2009 from 8:45 am to ~5:15 pm.

Where? Loyola University Water Tower Campus, Beane Hall at 820 N. Michigan Ave., (Lewis Towers 13<sup>th</sup> fl.), Chicago IL ([www.mapquest.com/maps?city=Chicago&state=IL&address=820+N.+Michigan+Avenue](http://www.mapquest.com/maps?city=Chicago&state=IL&address=820+N.+Michigan+Avenue); zoom to starred entry).

Confirmed presenters, listed alphabetically, and their presentation topics:

D. Busija, Wake Forest Univ. (Mitochondria targeting in neuroprotection)

J. Cadet, NIH/NIDA (Methamphetamine preconditioning reprograms transcriptional responses to methamphetamine-induced injury)

M. Collins, Loyola Univ. (Possible NMDAR, PKC and FAK "signalosome" mechanism in alcohol preconditioning neuroprotection)

D. Feinstein, Univ. Illinois Chicago (Importance of noradrenergic tone in AD and MS models)

J. Gidday, Washington Univ. (Hypoxic preconditioning-induced expression of survival genes)

F. Gomez-Pinella, UCLA (Diet and exercise therapy for CNS trauma)

A. Marini, U.S. Uniformed Health Services (Preconditioning by upregulating neuronal survival pathways)

M. Perez-Pinzon, Univ. Miami (Role of PKC, sirtuins and STATS in cerebral ischemic tolerance)

J. Piletz, Loyola Univ. (Neuroprotective role for endogenous agmatine in newborn hypoxia-ischemia)

J. Saugstad, Legacy Research (Role for microRNAs in preconditioning-induced tolerance)

J. Segura-Aguilar, Univ. Chile (Glutathione transferase M2-2 protects against dopamine oxidation product toxicity in astrocytes)

M. Yenari, U.C. San Francisco (Therapeutic hypothermia and NFkB suppression)

H. Zhao, Stanford University (Protective effects and underlying mechanisms of ischemic postconditioning against stroke)

Registration with fee: [www.neurotoxicitysociety.org](http://www.neurotoxicitysociety.org) SPACE IS LIMITED

Beverages and lunch will be provided on site for speakers and registrants.

FOR FURTHER INFORMATION, CONTACT SATELLITE ORGANIZER:

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