

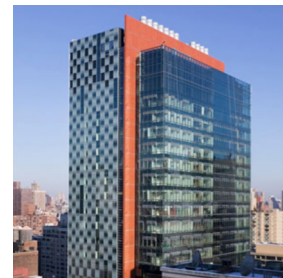


PROGRESS IN NEUROSCIENCE PINS

Seminar Series of the
Brain & Mind Research Institute
Weill Cornell Medical College (WCMC)

&

The Graduate Program in Neuroscience of
WCMC and Sloan Kettering Institute

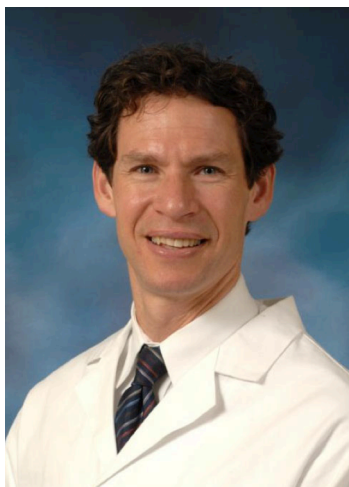


Thursday, 6/18/15, 4 PM, coffee at 3:45 PM
Weill Auditorium

“Translational Research in Traumatic Brain Injury: Advanced MRI and Microdialysis-based Approaches”

David Brody, M.D./Ph.D.

Associate Professor of Neurology, Washington University School of Medicine



Abstract:

Dr. Brody is an MD, PhD trained, board certified neurologist with both a research and clinical specialization in traumatic brain injury and neurodegenerative diseases. He spends approximately 80% of his time performing research and 20% involved in clinical, teaching and administrative roles. Areas of active research include investigations of concussive traumatic brain injury, severe traumatic brain injury, chronic traumatic encephalopathy and the increased risk of Alzheimer's disease following moderate to severe traumatic brain injury.

Clinically, He directs the traumatic brain injury clinic at Washington University, directs one of 6 National Football League Neurological Care Plan sites, serves as attending physician on the inpatient brain injury service at the Rehabilitation Institute of St Louis, and serves as the neurological consultant to the St Louis Rams. He is the author of the monograph: Concussion Care Manual: A Practical Guide (2014) *Oxford University Press*, New York, NY.

Recent relevant publications:

C.L. Mac Donald, A.M. Johnson, D. Cooper, E. C. Nelson, N. J. Werner, J. S. Shimony, A. Z. Snyder, M. E. Raichle, J. R. Witherow, R. Fang, S. F. Flaherty, and **D. L. Brody**, “Detection of Blast-Related Traumatic Brain Injury in US Military Personnel.” *New England Journal of Medicine* 2011; 364: 2091-2100. [PMC3146351](#)

D.L. Brody*, S. Magnoni*, K.E. Schwetye, M.L. Spinner, T. J. Esparza, N. Stocchetti, G. J. Zipfel, D. M. Holtzman. “Amyloid- β Dynamics Correlate with Neurological Status in the Injured Human Brain”, *Science* 2008: 321: 1221-1224.
*co-first authors

Magnoni S, Mac Donald CL, Esparza TJ, Conte V, Sorrell J, Macri M, Bertani G, Biffi R, Costa A, Sammons B, Snyder AZ, Shimony JS, Triulzi F, Stocchetti N and **Brody DL** “Quantitative Assessments of Traumatic Axonal Injury in the Living Human Brain: Concordance of Microdialysis and Advanced MRI Approaches” *Brain* 2015 (in press).



Weill Cornell Medical College

