

WSU Internal Traumatic Brain Injury Workshop

To be held November 18, 2011

Keynote Speakers: Dr. Anthony Pacifico and Dr. Ronald Hayes

Margherio Family Conference Center, WSU School of Medicine, 320 E. Canfield, Detroit, MI

	Topics	Speakers
8:15 am	Morning coffee	
8:50 am	Opening Remarks	Dr. E. Mark Haacke
Session I	Neuroimaging Technical Development and Imaging Biomarkers of TBI	Chair: Dr. Mark Haacke
9:00 am	Current Clinical Trials in TBI at WSU – Prospects for Success or Repeat of Previous Failures”	Dr. Robert Welch
9:15 am	Imaging Mild Traumatic Brain Injury at the Acute Stage.	Dr. Zhifeng Kou
9:30 am	Update on the use of DTI in mild TBI	Dr. Randall Benson
9:45 am	TBI and Driving: Neuroimaging Investigation of Cognitive Distraction and Real-World Applications	Dr. Sean Seaman
10:00 am	Keynote speaker: MR Imaging: An integrative Approach	Dr. Anthony Pacifico
10:30 am	Coffee Break	
Session II	Fundamental Mechanisms: from Animal Models to Computational Models	Chair: Dr. Albert King
10:45 am	Research in Axonal Injury Tolerance	Dr. John Cavanaugh
11:00 am	Engineering a better neurotrauma model	Dr. King Yang
11:15 am	FE Modeling of Traumatic Brain Injury”	Dr. Liying Zhang
11:30 am	Animal models in neuro-protective and neuro-restorative treatment.	Dr. Srini Kallakuri
11:45 am	Inside neuron stadium: MEMRI of calcium channel pathophysiology in degenerative disorders	Dr. Bruce Berkowitz
12:00	Lunch Break and Student Posters	
Session III	Fundamental Research: from Animal Models to Computational Models	Chair: Dr. Matt Galloway
1:00 pm	Keynote Speaker: Serum Biomarkers and Neuroimaging: Complimentary Approaches to Diagnosing Traumatic Brain Injury.	Dr. Stefania Mondello (rep. Dr. Ronald Hayes)
1:30 pm	Neurobiochemical and psychometric correlates of noise-induced tinnitus following rTMS over the left temporal lobe in humans/ Fractional anisotropy is increased in noise-induced tinnitus: A diffusion tensor imaging study.	Dr. Tony Cacace
1:45 pm	Blast-Induced Tinnitus and Its Related TBI	Dr. Jinsheng Zhang
2:00 pm	Neurochemical Profiles in Animal Models of Traumatic Brain Injury: Studies with High Resolution Magic Angle Spinning 1H- MRS at 11.7 Tesla	Dr. Matt Galloway
2:15 pm	Clinical Potential of Autologous Olfactory Mucosal Progenitor Cells in the Treatment of Traumatic Brain Injury	Dr. Jean D. Peduzzi-Nelson
2:30 pm	Acute Alcohol Administration in Brain Damage after TBI and Stroke	Dr. Yuchuan Ding
2:45 pm	Coffee Break	
Session IV	Treatment and Rehab for TBI	Chair: Dr. Jay Meythaler
3:00 pm	Results from the minocycline trial and the beginnings of Youth sports TBI impact study	Dr. Jay Meythaler
3:15 pm	Can quantitative brain electrical activity aid in the initial screening of mild traumatic brain injured patients	Dr. Brian O’Neil
3:30 pm	Pathomechanisms of Severe TBI: Implications for Managing Symptomatic Brain Edema	Dr. William Coplin
3:45 pm	Discussion of the program in TBI research at Wayne State University	Dr. Mark Haacke
4:00 pm	End of Workshop	