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Michael Chopp, PhD, FAHA, FESO, is Vice Chairman for Research of the Department of Neurology, Scientific Director of the Henry Ford Neuroscience Institute, and is the Zolton J. Kovacs Chair in Neuroscience Research. He is also Distinguished Professor of Physics at Oakland University.

He received his MS and doctorate degrees in Mathematical and Solid State Physics from New York University. After nearly 10 years of working as a Physicist and as a Professor of Physics, Dr. Chopp turned his interest to translational research in neuroscience. Dr. Chopp's research has primarily focused on: 1) cellular and molecular biology of ischemic cell injury, 2) pathophysiology of stroke, traumatic brain injury, peripheral neuropathy, multiple sclerosis, and glioma, 3) combination thrombolytic and neuro and vascular protective therapies for stroke, 4) mechanisms of neuroprotection, 5) cell-based and pharmacological neurorestorative therapies for stroke, traumatic brain restorative therapies for stroke, traumatic brain injury and neurodegenerative disease, 6) molecular

and cellular mechanisms underlying neurogenesis and angiogenesis and the induction of brain plasticity leading to functional and behavioral recovery after neural injury, 7) treatment of glioma and breast cancer,

8) exosomes/microRNA for treatment of neurological injury and disease, and 9) magnetic resonance imaging. Dr. Chopp has >650 peer reviewed publications, (h-factor >100), ~ 50 book chapters and has given ~450 plenary lectures and invited presentations. He has chaired National Institutes of Health (NIH) study sections and has served as a consultant to government agencies, the U.S. National Institutes of Health, and the pharmaceutical industry.

***Awards include:***

- 2001 Top Ten Research Advances of 2001, "Treatment of Stroke with Bone Marrow Stromal Cells", American Heart Association
- 2005 Distinguished Scientist Award, Henry Ford Medical Group, Board of Governors
- 2012 Lecture of Excellence and World Stroke Organization (WSO) Award, Remodeling and rewiring the intact CNS as a treatment for Stroke, 8th World Stroke Congress, Brasilia, Brazil, October
- 2014 Abraham White Distinguished Science Award. "For discovery of the role of thymosin beta 4 in the treatment of brain injuries and neurodegenerative diseases; 4<sup>th</sup> International Symposium on Thymosins in Health and Disease, Washington, DC, October
- 2015 Thomas Willis Lecture Award, International Stroke Conference, Nashville, TN, February
- 2016 Lecture of Excellence and Barbro B. Johansson Award in Stroke Recovery. 10th World Stroke Congress, Hyderabad, India, October 26-29, 2016.