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Title of Symposium: Pathophysiology of deficits after traumatic brain injury.

Description of submitted symposium (please limit to 2000 characters): Would like to see more talks on traumatic brain injury to get out the newest ideas on why patients have persistent deficits and symptoms after traumatic brain injury and what are some potential treatment options on the horizon. I am not interested in speaking, but would like to invite leading researchers in the field to speak to us.

Length of time required for symposium?: 90 minutes

Additional Presenters (Limited to 4 additional presenters, list full name and email address) Please

Note: Any Non-member speakers must receive prior approval from the Program Chair.: Not sure yet who we could get, but here are some speakers that I would invite: - David Brody - Wash U, expert in TBI pathophysiology from animal research and human MRI work - David Sharp, <http://www.imperial.ac.uk/people/david.sharp> does great work on imaging of pathophysiology of TBI - Christopher Giza from UCLA - lots of work on imaging and clinical aspects of pediatric TBI and sports head injury - Bennet Omalu (the guy from the concussion movie) - I saw him talk at a seminar for patients the other day, fascinating talk though not incredibly scientific. - Ann McKee from BU on CTE pathophysiology. - Anat Biegon from Stony Brook on animal models of TBI and the role of neuroinflammation

What is the role of each presenter?: see above.

Objective 1: Understand why patients have persistent symptoms after traumatic brain injuries.

Objective 2: Learning the future imaging technologies for improving our understanding of symptoms of post-concussion syndrome.

Objective 3: Learning about potential treatment targets for persistent symptoms after TBI.