



Knowledge in Motion

SCI Webcast Series

For individuals living with spinal cord injury,
their caregivers, & healthcare professionals

Neuroregenerative Properties of Dental Pulp Stem Cells and their Future Potential to Improve Neurological Outcomes in SCI

Presented by

Dr. Ricardo Battaglino
Harvard School of Dental Medicine
The Forsyth Institute

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Dr. Hatice Hasturk
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Dr. Leslie Morse
Spaulding-Harvard SCI Model System

Thursday, January 30, 2014
6:30-8:00 PM Eastern Time

Register to attend Free Online Webcast and Live Chat
(<http://www.bu.edu/herscic/webcast-reg/>)

or contact:

Judi Zazula at judiz@bu.edu
617-638-7314
866-607-1804 (toll-free)

Attendees will be able to:

- Learn about the source of dental pulp stem cells, how they are obtained, and how they can develop into elements of the nervous system.
- Learn how dental pulp stem cells have been used in rodents with spinal cord injury.
- Learn how dental pulp stem cells might be used to promote neurorecovery for people with spinal cord injury.

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#### About this month's webcast:

Our panel of speakers will discuss a new project to assess the neuro-regenerative properties of dental pulp stem cells and their future potential to improve neurological outcomes in SCI. Teeth (including baby teeth, wisdom teeth, and healthy molars) are a rich source of neural crest stem cells that can be directed to grow into functionally active elements of the nervous system. Dental pulp stem cells can be obtained and used in clinical trials without the ethical concerns associated with embryonic stem cells. It's possible that dental pulp stem cells could be made widely available to advance research at a faster pace towards functional improvement, and ultimately, a cure.

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Upcoming KiM Webcast Schedule

April 10, 2014
June 5, 2014
October 16, 2014

New England Regional Spinal Cord Injury Center Model System
www.bu.edu/herscic