



31st Annual Joseph W. St. Geme, Jr, MD Lectureship at Pediatric Grand Rounds

Presentation of the
Joseph W. St. Geme, Jr., MD, Medical Student Award
Sally E. Peach, PhD, MSIV
Jay R. Hesselberth, PhD - Mentor

Friday, October 6, 2017

12:30 p.m. – 1:30 p.m.

Children's Hospital Colorado

2nd Floor Conference and Education Center, Mt. Oxford Auditorium
Reception to follow in the Conference Center Lobby

Telomerase and the Establishment of Telomere Length Equilibrium

Carol W. Greider, PhD

**Daniel Nathans Professor and Director, Department of Molecular Biology & Genetics
Johns Hopkins University, School of Medicine
Nobel Laureate, Physiology or Medicine 2009**

- Telomeres shorten with cell division but in some tissues, are elongated by telomeres
- Telomerase is required to maintain length equilibrium, but is limiting in most cells
- Insufficient telomerase activity underlies haploinsufficiency in Short Telomeres Syndromes
- Short telomeres limit cell division and cause bone marrow failure and other degenerative diseases



No registration required. CME offered.
Etail's Box Lunches are available for purchase.
Students, Residents & Fellows: \$2.00
All other attendees: \$5.00