



**FASEB**

Federation of American Societies  
for Experimental Biology

Science  
Research  
Conferences

## The Endoplasmic Reticulum Conference: Structure, Function, and Disease

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### Organizer Bio: Carolyn Sevier, PhD

*Carolyn Sevier, PhD, Associate Professor, Department of Molecular Medicine, Cornell University, Ithaca, NY, USA*

Carolyn Sevier's research aims to elucidate signaling pathways that sense and respond to cellular redox imbalances to alleviate oxidative stress. A major focus of her program is to understand the complex systems that allow cells to balance the essential process of oxidative folding in the ER lumen with potentially damaging ROS production. She studies the molecular mechanisms regulating cellular oxidative folding and stress pathways using a combination of molecular, genetic, and biochemical techniques.