

# FOURTH ANNUAL UAB NATHAN SHOCK CENTER SYMPOSIUM ON THE BASIC BIOLOGY OF AGING

The University of Alabama at Birmingham  
**Alumni House**  
**April 8, 2020**  
**9 AM – 4 PM**

## Keynote Speaker

**ABSTRACT  
SUBMISSION  
DEADLINE:  
MARCH 15**



**Datablitz: 11:10 am  
Lunch and Poster  
Session: 11:30 am -  
1:00 pm**

**Dena Dubal, M.D., Ph.D.**

University of California San Francisco

**“X Marks the Spot: Female Longevity in Aging and Neurodegenerative Disease”**

## Featured Speakers



**Christy Carter, Ph.D.**

The University of Alabama at Birmingham  
**“The Gut Microbiome as a  
Therapeutic Target for Cognitive  
Impairment”**



**Constanza Cortes, Ph.D.**

The University of Alabama at Birmingham  
**“Enhanced Skeletal Muscle  
Proteostasis as a Novel  
Modulator of CNS Aging and  
Alzheimer’s Disease”**



**Dudley Lamming, Ph.D.**

University of Wisconsin-Madison  
**“The Regulation of Health and  
Longevity by Specific Dietary  
Macronutrients”**



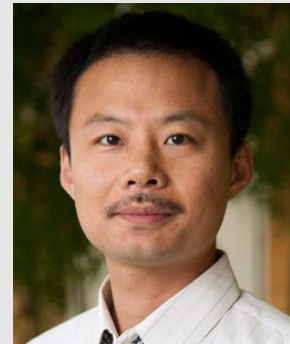
**Andrew Pickering, Ph.D.**

The University of Alabama at Birmingham  
**“Dissecting the Interplay Between  
Proteasome Dysfunction, Aging  
and Alzheimer’s Disease”**



**Michel Stout, Ph.D.**

The University of Oklahoma  
**“What 17a-E2 Can Teach Us  
About Sexually-Divergent  
Mechanisms of Aging”**



**Liou Sun, M.D., Ph.D.**

The University of Alabama at  
Birmingham  
**“What We Learned From  
GHRH-KO Mice”**