

## **Conference Announcement and Call for Posters**

# **PRECONDITIONING IN BIOLOGY AND MEDICINE**

## **Adaptive Responses/Preconditioning**

**April 16 & 17, 2019**

## **University of Massachusetts at Amherst**

Adaptive • Bidirectional • Biphasic • Hormetic • Non-Monotonic • Yerkes-Dodson Law (Psychology) • U-Shaped • J-Shaped • Subsidy-Stress Gradient (Ecology) • Reverse Dose-Responses

### **TOPICS WILL INCLUDE:**

#### **Pre - Post-Conditioning**

- Alzheimer's Disease/Dementia
- Parkinson's Disease
- Depression and PTSD
- Concussions/Traumatic Brain Injury
- Improving Surgical Outcomes
- Stroke/Cardiovascular Disease
- Glaucoma
- Stem Cell Transplantation Therapy

#### **Healthy Lifestyles Aging & Life Extension**

- Intermittent Fasting
- Exercise
- Chemical/Nutritional Supplements
- Low Dose Radiation and Longevity
- Adaptive response-based cosmetics

#### **Enhancing Human Performance**

- Cognition
- Endurance, Strength and Speed
- Fatigue/Jet Lag: Prolong Onset/Speed Up Recovery
- Wound Healing Acceleration - skin, tendon, muscle, bone, and vascular

### **CALL FOR ABSTRACTS**

Please visit our website at <http://dose-response.org/annual-conference/> for abstract submission guidelines. Email abstract to: [mbglavin@umass.edu](mailto:mbglavin@umass.edu) by **January 31, 2019**

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