HEALTHY AGING AT TUFTS UNIVERSITY

Retreat & Research Day

Thursday, October 10, 2019
8 AM – 5 PM

Jean Mayer USDA Human Nutrition Research Center on Aging at Tufts University
711 Washington St, Boston, MA

TO REGISTER VISIT:
https://healthyaging.tufts.edu/events/retreat-registration/
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AGENDA

8:00-8:30 Breakfast & Registration- Mezzanine Lobby
8:30-8:45 Introductory Address: Vice Provost for Research- Dr. Caroline Genco
8:45-9:00 Welcome: Healthy Aging at Tufts Introduction- Dr. Roger Fielding
9:00-10:00 Keynote Speaker #1: Rafael deCabo, PhD- NIH/NIA/IRP (presentation TBD)
10:00-10:30 Break & Poster Presentations
10:30-11:30 Local Tufts Session #1: Aging, Immunity and Inflammation
   Elsa Bou Ghanem, PhD: Targeting the extracellular adenosine pathway to control Streptococcus pneumoniae infection in aged hosts
   Shruti Sharma, PhD: Chronic inflammation, aging and the innate immune response
   Simin Meydani, DVM, PhD: Nutritional Modulation of Immune and Inflammatory Responses in the Aged
11:30-NOON Pilot Awardee Presentation: Neelakshi Hudda, PhD: Development of a system for determining the neurotoxicity of air pollutants in human brain tissue models of Alzheimer's disease
NOON-1:00 Lunch- Mezzanine Lobby
1:00-2:00 Keynote Speaker #2: Jasmeer Chhatwal, MD, PhD- MGH
   New Technologies, Age-old Wisdom: Vascular, Physical Activity, and Sleep as Modulators of Cognitive Decline and Brain Atrophy
2:00-3:00 Pilot Awardee Presentations: Giuseppina Tesco, PhD: Study of Alzheimer's disease using a novel bioengineered model of iPSC-derived neural tissue
   John Leong, MD, PhD: Polymorphonuclear leukocyte senescence in age-associated susceptibility to Streptococcus pneumoniae lung infection
3:00-3:30 Break & Poster Presentations
3:30-4:30 Local Tufts Session #2: Translational Research in Exercise/Physical Activity and Aging
   Chenchen Wang, MD: Tai Chi for Osteoarthritis Pain and Well-being
   Kieran Reid, PhD: Community-based Physical Activity to Maintain the Physical and Cognitive Independence of Older Adults
   Donato Rivas, PhD: Molecular and Cellular Mechanisms Regulating Skeletal Muscle Homeostasis and Plasticity in Aging: Impact of Nutrition and Exercise
4:30-5:00 Closing Remarks- Dr. Roger Fielding