

Sarcopenia Across Species: A One Health Approach

A CTSA One Health Alliance (COHA) Translational Summit

Satellite Conference to the International Conference on Frailty and Sarcopenia Research



Co-Sponsored by Healthy Aging at Tufts Priority Area Research Group

Friday, October 1 – Saturday, October 2, 2021 – Hotel Revere, Boston, MA

Friday, October 1st

All ICFSR Participants are invited to attend the Friday program and the cocktail reception at 6pm

- 4:00PM **Welcome and introductions**
• Lisa Freeman, Cummings School of Veterinary Medicine, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA (USA)
- 4:10PM **Sarcopenia: the clinical picture in humans**
• Roger Fielding, Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts University, Boston, MA (USA)
- 4:35PM **Sarcopenia phenotyping in veterinary medicine**
- 5:00PM **Common diseases associated with sarcopenia in pets**
• Valerie Parker, Department of Veterinary Clinical Sciences, The Ohio State University, Columbus, OH (USA)
- 5:25PM **Dog Aging Project**
• Daniel Promislow, Department of Laboratory Medicine and Pathology, UW Medicine, University of Washington Medicine, Seattle, WA (USA)
- 6:00PM **Cocktail reception**

Saturday, October 2

Saturday program: Registration fee 75 USD LIMITED SPACE ONLY

- 8:00AM **Mechanisms of sarcopenia in human and veterinary patients**
• **Cellular Senescence and Skeletal Muscle Aging**
• Nathan K. LeBrasseur, Department of Physical Medicine & Rehabilitation, Mayo Clinic, Rochester, MN (USA)
• **Mechanisms of sarcopenia: Pain and disuse**
• Duncan Lascelles, Professor of Translational Pain Research and Management, College of Veterinary Medicine, North Carolina State University, Raleigh, NC (USA)
- 9:00AM **Assessment of sarcopenia in human and veterinary patients**
• **Assessment of body composition in pets**
• Lisa Freeman, Cummings School of Veterinary Medicine, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA (USA)
- 10:00AM **Coffee break**
- 10:30AM **Frailty in human and veterinary patients**
- 11:30AM **Mobility disorder assessed by ICOPE (intrinsic capacities) in a population of older persons from primary care clinics**
• Bruno Vellas, Gerontopole, Toulouse University Hospital, Toulouse (France) TBD
Sarcopenia and frailty in veterinary primary care
• Susan Little, Ottawa, ON, Canada
- 12:30AM **Lunch**
- 1:15PM **Sarcopenia and myostatin - a failure of translation**
• Ronenn Roubenoff, Novartis Institutes for BioMedical Research, Cambridge, MA (USA)
- Nutritional approach to sarcopenia**
- 2:15PM **Future research directions - breakout session**
• Lisa Freeman, Cummings School of Veterinary Medicine, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA (USA)
• Roger Fielding, Jean Mayer USDA Human Nutrition Research Center on Aging, Tufts University, Boston, MA (USA)
- 3:15PM **Summary of break out - session discussions**