

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



ICFSR 2022
International Conference on
Frailty & Sarcopenia Research
www.icfsr.com

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

Friday, April 22 – Saturday, April 23, 2022 – Hotel Revere, Boston, MA

Friday, April 22

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 **Muscle matters: Defining sarcopenia in companion animals during aging and disease**
• Lisa Freeman, Cummings School of Veterinary Medicine, Friedman School of Nutrition Science and Policy, Tufts University, Boston, MA (USA)
- 4:50PM **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, April 23

Saturday program: Registration fee 75 USD LIMITED SPACE ONLY

- 8:00AM **Mechanisms of sarcopenia in human and veterinary patients**
• **State of the Art: Mechanisms of sarcopenia**
• Nathan K. LeBrasseur, Department of Physical Medicine & Rehabilitation, Mayo Clinic, Rochester, MN (USA)
• **Sarcopenia in dogs: A perspective on lean mass loss and function**
• Joseph J. Wakshlag, PhD, Cornell University, College of Veterinary Medicine, Ithaca, NY (USA)
- 9:00AM **Assessment of sarcopenia in human and veterinary patients**
• **Biomarkers and body composition**
• Peggy Cawthon, Senior Scientist at California Pacific Medical Center Research Institute and Associate Adjunct Professor at UCSF, San Francisco, CA (USA)
• **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**
• **Frailty in human patients**
• Jeremy D. Walston, MD- Raymond and Anna Lublin Professor of Geriatric Medicine Johns Hopkins Asthma and Allergy Center, Baltimore, (USA)
• **Frailty in veterinary patients**
• Kate Creevy, Associate Professor of Small Animal Clinical Sciences - Texas A&M College of Veterinary Medicine, College Station, TX (USA)
- 11:30AM **Sarcopenia and frailty in human and veterinary primary care**
Sarcopenia and frailty in human primary care
• 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 **Leave the Guns, Take the Cannoli: Branaplam, myostatin and the failure of translation in muscle wasting**
• Ronenn Roubenoff, Novartis Institutes for BioMedical Research, Cambridge, MA (USA)
Nutritional approach to sarcopenia
• Julie Churchill, DVM, PhD, DACVN, University of Minnesota, College of Veterinary Medicine Saint Paul, MN, (USA)
- 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**
• Lisa Freeman, Roger Fielding