
2023 Oklahoma Gero-Oncology Symposium

April 4, 2023

8:00 AM – 6:30 PM

The Intersection of Sarcopenia in Aging and Cancer Cachexia

Nicholson Conference Center

University of Oklahoma Health Sciences Center

- 7:45 – 8:15 am** **Continental Breakfast**
- 8:15 – 8:20 am** **Introduction and Welcoming Remarks: Ryan Nipp, MD**
- 8:20 – 10:00 am** **Session I: Clinical Context for the Intersection of Sarcopenia in Aging and Cancer Cachexia**
- 8:20 – 8:40 am **Hifza Butt, MD**, University of Oklahoma Health Sciences Center
Intersection of Sarcopenia, Aging, and Cancer
- 8:40 – 9:00 am **Eric Roeland, MD, FAAHPM**, Oregon Health & Science University
Cachexia, Sarcopenia, and Frailty: Different Perspectives of a Similar Challenge?
- 9:00 – 9:20 am **Elizabeth Hile, PT, PhD, NCS, CLT**, University of Oklahoma Health Sciences Center
Using Bioimpedance Phase Angle to Explore Muscle Quality Trajectories After Prehabilitation For Pancreatic Cancer Resection
- 9:20 – 9:40 am **Grant Williams, MD**, University of Alabama at Birmingham
Sarcopenia in the Older Adult with Cancer
- 9:40 – 10:00 am **Benjamin Miller, PhD**, Oklahoma Medical Research Foundation
New Stable Isotope Approaches to Understand Mechanisms of Sarcopenia
- 10:00 – 10:15 am** **Coffee Break**
- 10:15 – 11:55 am** **Plenary Session: Past, Present, & Future Implications for the Intersection of Sarcopenia in Aging and Cancer Cachexia**
- 10:15 – 10:40 am **Roger Fielding, PhD**, Tufts University
Clinical Aspects of Sarcopenia: Definitions and Therapeutic Interventions
- 10:40 – 11:05 am **James Carson, PhD, FACS**, University of Tennessee
Basic Biology of Cachexia: The Importance of Skeletal Muscle Responsiveness to the Systemic Environment for the Progression of Cancer Cachexia
- 11:05 – 11:30 am **Jose Garcia, MD, PhD**, University of Washington
Mechanistic Insights of Ghrelin's Role in Muscle Atrophy
- 11:30 – 11:55 am **Vickie Baracos, PhD**, University of Alberta
Cancer and Treatment Related Etiologies of Cachexia
- 11:55 – 12:30 pm** **Roundtable Discussion**
- 12:30 – 1:45 pm** **Lunch and Poster Session**

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- 1:45 – 2:15 pm** **Public Lecture:** **Felipe Sierra, PhD**, Hevolution Foundation
Advances in Geroscience and the Role of Resilience in Disease
- 2:15 – 4:25 pm** **Session II: Preclinical Context for the Intersection of Sarcopenia in Aging and Cancer Cachexia**
- 2:15 – 2:35 pm** **Min Li, PhD**, University of Oklahoma Health Sciences Center
Pancreatic Cancer Cachexia
- 2:35 – 2:50 pm** **Jordan Fuqua, PhD**, Oklahoma Medical Research Foundation
Impaired Proteostatic Mechanisms other than Protein Synthesis, Limits Old Skeletal Muscle Recovery after Disuse Atrophy
- 2:50 – 3:10 pm** **Teresa Zimmers, PhD**, Oregon Health & Science University/Knight Cancer Institute
Mechanisms of Cachexia vs Sarcopenia vs Aging in Cancer
- 3:10 – 3:25 pm** **Jacob Brown, PhD**, Oklahoma Medical Research Foundation, OKC VA Medical Center
Bridging Studies of Sarcopenia to Provide New Insights on Cancer Cachexia
- 3:25 – 3:45pm** **Coffee Break**
- 3:45 – 4:05** **Kamiya Mehla, PhD**, University of Oklahoma Health Sciences Center
Role of Pi16 in Cancer Cachexia
- 4:05 – 4:25 pm** **Pankaj Singh, PhD**, University of Oklahoma Health Sciences Center
Metabolic Regulation of Skeletal Muscle Atrophy in Cancer Cachexia
- 4:25 – 5:10 pm** **Funders Roundtable:** **Joanna Watson, PhD**, Chief and Program Director, Tumor Metastasis Branch, Division of Cancer Biology, National Cancer Institute
Amanda Boyce, PhD, Chief, Aging Physiology Branch, Division of Aging Biology, National Institute on Aging
Jennifer Guida, PhD, MPH, Program Director, National Cancer Institute
- 5:10 – 5:25 pm** **Poster Awards Presentation**
- 5:25 – 6:30 pm** **Reception**

Register here: <https://oklahomanathanshockcenteronaging.org/symposium-registration/>