SUNDAY, MARCH 7
Arrival and Registration

MONDAY, MARCH 8
Aging in the Tumor Microenvironment
Sheila A. Stewart, Washington University School of Medicine, USA
Age-Related Changes in the Tumor Microenvironment Drive Tumorigenesis
Marco Demaria, European Research Institute for the Biology of Aging, Netherlands
Role of Cellular Senescence in Tumor Progression and Therapy-Induced Side Effects
Ashani T. Weeraratna, Johns Hopkins University, USA
Age and Tumor Initiation, Understanding the Drivers
Derek A. Wainwright, Northwestern University Feinberg School of Medicine, USA
Aging-Dependent Changes in the Brain Stroma Drive Incurable Glioblastoma

Short Talk(s) Chosen from Abstracts
The Aging Immune Response, Cancer Sneaks In
Jingdong Jackie Han, CAS-MPG Partner Institute for Computational Biology, China
Heterogeneity of Human Aging
Arne N. Akbar, University College London, UK
Senescent Non Lymphoid Cells Inhibit Immunity in the Skin
Andrea Ablasser, Ecole Polytechnique Fédérale de Lausanne, Switzerland
The Role of cGAS/STING and the Immune Response in Senescence

Short Talk(s) Chosen from Abstracts

Poster Session 1

TUESDAY, MARCH 9
Stem Cells, Reprogramming and Cancer, How Is It All Related
Manuel Serrano, Institute for Research in Biomedicine, Spain
Cell States that Drive Reprogramming
Amy J. Wagers, Harvard University, USA
Programming and Reprogramming Stem Cells for Regenerative Medicine
Anne Brunet, Stanford University, USA
Epigenetic and Metabolism Crosstalk, Implications in Aging and Cancer

Short Talk(s) Chosen from Abstracts

Inflammaging, What Does It Mean?
Jennifer Elisseeff, Johns Hopkins University, USA
Impact of Senescence on the Immune System in Wound Healing, Cancer and Immunotherapy
Ana O’Loghlen, Queen Mary University of London, UK
Exosomes and Cytokines in Senescent Cells, how do they Communicate?

Eiji Hara, Osaka University, Japan
Roles and Mechanisms of Cellular Senescence in Inflammation and Cancer
Nathaniel Eames David, UNITY Biotechnology, USA
Leveraging Anti-Cancer Mechanisms to Target Diseases of Aging

Short Talk(s) Chosen from Abstracts

Poster Session 2

WEDNESDAY, MARCH 10
Paracrine Signaling in the TME
Sandra S. McAllister, Brigham & Women’s Hospital/Harvard Medical School, USA
Systemic Aging and Tumorigenesis
Naoko Ohtani, Osaka City University Graduate School of Medicine, Japan
The Microbiota and Cancer, is Senescence Important?
Meng C. Wang, Baylor College of Medicine/HHMI, USA
Microbe-Mitochondria Crosstalk in Healthy Aging

Short Talk(s) Chosen from Abstracts

Targeting the Systemic Environment
Ana Maria Cuervo, Albert Einstein College of Medicine, USA
Autophagy, Eating your Way to Cancer
Jan M. van Deursen, Mayo Clinic, USA
Senescence-Based Cancer Immunotherapy
Peter L. J. de Keizer, UMC Utrecht, Netherlands
Therapy-Induced Senescence-Risks to Cancer Progression
Pura Munoz Munoz Canoves, Universitat Pompeu Fabra, Spain
Muscle Wasting in Aging

Closing Keynote Address
Judith Campisi, Buck Institute for Research on Aging, USA
Cancer and Aging: Rival Demons or Dysfunctional Cousins?

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

THURSDAY, MARCH 11
Departure

* Session Chair † Invited but not yet accepted  Program current as of August 31, 2020. Program subject to change. Meal formats are based on meeting venue. For the most up-to-date details, visit www.keystonesymposia.org.