Sunday, March 27
Arrival and Registration

Monday, March 28
Keynote Address
Judith Campisi, Buck Institute for Research on Aging, USA
Cellular Senescence: How a “Culture Artifact” Gained Respectability as a Driver of Cancer and Aging

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
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 29
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 Eisissereff, 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?

Wednesday, March 30
Paracrine Signaling: What Drives Tumor Progression
Naoko Ohtani, Osaka City University Graduate School of Medicine, Japan
The Molecular Mechanism of Senescence-Associated Secretory Phenotype in Liver Cancer Progression

Tamara Tchkonia, Mayo Clinic, USA
Obesity and Aging and Cancer

David J. Glass, Regeneron Pharmaceuticals, Inc., USA
Age-Related Gene and Signaling Perturbations that Increase the Probability of Oncogenesis

Short Talk(s) Chosen from Abstracts

Targeting the Systemic Environment
Sandra S. McAllister, Brigham & Women’s Hospital/Harvard Medical School, USA
Impact of Immunological Age on Breast Cancer Progression and Response to Therapy

Ana Maria Cuervo, Albert Einstein College of Medicine, USA
Selective Autophagy, Eating your Way to Cancer

Pura Muñoz Cánoves, Spanish National Center on Cardiovascular Research, Spain
Muscle Wasting in Aging

Scott W. Lowe, Memorial Sloan Kettering Cancer Center, USA
CarT Cells: Sniffing out the Elusive Senescent Cell

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

Thursday, March 31
Departure