

An AACR Virtual Special Conference on

Sarcomas

June 28-29, 2021 | Virtual

Conference Cochairs:

Poul H.B. Sorensen, University of British Columbia, Vancouver, Canada

Elizabeth R. Lawlor, Seattle Children's Research Institute, Seattle, WA

E. Alejandro Sweet-Cordero, University of California San Francisco, CA

All session times are U.S. Eastern Daylight Time (EDT)

Monday, JUNE 28, 2021

11:00 a.m.-11:35 a.m.	Welcome and Opening Keynote Lecture
11:00 a.m.-11:05 a.m.	Welcome from Cochairs
11:05 a.m.-11:35 a.m.	Keynote Lecture TBD Sandra P. D'Angelo, Memorial Sloan Kettering Cancer Center, New York, NY
11:35 a.m.-11:45 a.m.	BREAK
11:45 a.m.-1:10 p.m.	Plenary Session 1: Model Systems <i>Session Chair: Poul H.B. Sorensen, University of British Columbia, Vancouver, Canada</i>
11:45 a.m.-12:05 p.m.	Patient-derived sarcoma organoids for functional precision medicine applications Alice Soragni, University of California Los Angeles, Los Angeles, CA
12:05 p.m.-12:20 p.m.	Zebrafish modeling of fusion-driven rhabdomyosarcoma Genevieve Kendall, Nationwide Children's Hospital, Columbus, OH
12:20 p.m.-12:35 p.m.	Development of a phenotypically diverse model of soft tissue sarcoma to identify key drivers of sarcoma tumorigenesis Janai Carr-Ascher, University of California Davis, Sacramento, CA
12:35 p.m.-12:50 p.m.	Genomics and mouse models of MPNST Angela Hirbe, Washington University in St. Louis, St. Louis, MO
12:50 p.m.-1:10 p.m.	Panel Discussion: Session 1 speakers and all cochairs
1:10 p.m.-1:30 p.m.	BREAK

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1:30 p.m.– 2:55 p.m.

Plenary Session 2: Signaling

Session Chair: Elizabeth R. Lawlor, Seattle Children's Research Institute, Seattle, WA

1:30 p.m.- 1:50 p.m.

Targeting fusion-dependent molecular pathways in CIC-rearranged sarcoma

Ross Okimoto, University of San Francisco, San Francisco, CA

1:50 p.m.-2:05 p.m.

Targeting cell-cycle dysregulation in GIST

Inga-Marie Schaefer, Brigham and Women's Hospital, Boston, MA

2:05 p.m.-2:20 p.m.

Profiling the immunooncology landscape in pediatric osteosarcoma

Troy McEachron, National Institutes of Health, Bethesda, MD

2:20 p.m.-2:35 p.m.

An essential requirement for amino acid activation of mTORC1 underlies mTOR inhibitor dependence in PAX3-FOXO1 rhabdomyosarcoma

Amit Sabnis, University of California San Francisco, San Francisco, CA

2:35 p.m.-2:55 p.m.

Panel Discussion: *Session 2 speakers and all cochairs*

2:55 p.m.-3:00 p.m.

Closing Remarks

Poul H.B. Sorensen, University of British Columbia, Vancouver, Canada

TUESDAY, June 29, 2021

11:00 a.m.-11:35 a.m.

Welcome and Keynote Lecture

11:00 a.m.-11:05 a.m.

Welcome to day 2

Alejandro Sweet-Cordero, University of California San Francisco, CA

11:05 a.m.-11:35 a.m.

Keynote Lecture

Osteosarcoma Metastasis: A stereotyped developmental process that creates tumor organs within lungs

Ryan D. Roberts, Nationwide Children's Hospital, Columbus, OH

11:35 a.m.-11:45 a.m.

BREAK

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11:45 a.m.–1:10 p.m.

Plenary Session 3: Immunotherapy

Session Chair: E. Alejandro Sweet-Cordero, University of California San Francisco, CA

11:45 a.m.-12:05 p.m.

TBD

Robbie Majzner, Stanford University, Stanford, CA

12:05 p.m.-12:20 p.m.

Development of a vaccine to prevent relapse in liposarcoma

Laura Riobos, University of Washington, Seattle, WA

12:20 p.m.-12:35 p.m.

Modulating tumor milieu to enhance sarcoma immunotherapy

Alex Huang, Case Western Reserve University, Cleveland, OH

12:35 p.m.-12:50 p.m.

TBD

Emily Keung, The University of Texas MD Anderson Cancer Center, Houston, TX

12:50 p.m.–1:10 p.m.

Panel Discussion: Session 3 speakers and all cochairs

1:10 p.m.–1:30 p.m.

BREAK

1:30 p.m.– 2:55 p.m.

Plenary Session 4: Gene Regulation

Session Chair: Elizabeth R. Lawlor, Seattle Children's Research Institute, Seattle, WA

1:30 p.m.- 1:50 p.m.

Ewing Sarcoma: An enhancer disease with widespread epigenetic heterogeneity

Eleni Tomazou, St. Anna's Children's Research Institute, Vienna, Austria

1:50 p.m.-2:05 p.m.

A drop of FET proteins clears the chamber for transcription

Jacob Schwartz, University of Arizona, Tucson, AZ

2:05 p.m.-2:20 p.m.

Epigenetic determinants of tumor heterogeneity in synovial sarcoma

Nicolo Riggi, UNIL- Université de Lausanne, Switzerland

2:20 p.m.-2:35 p.m.

When a mutation profoundly alters chromatin dynamics and modulates oncogene regulation

Didier Surdez, Curie Institute, Paris, France

2:35 p.m.-2:55 p.m.

Panel Discussion: Session 4 speakers and all cochairs

2:55 p.m.-3:00 p.m.

Closing Remarks

Elizabeth R. Lawlor, Seattle Children's Research Institute, Seattle, WA