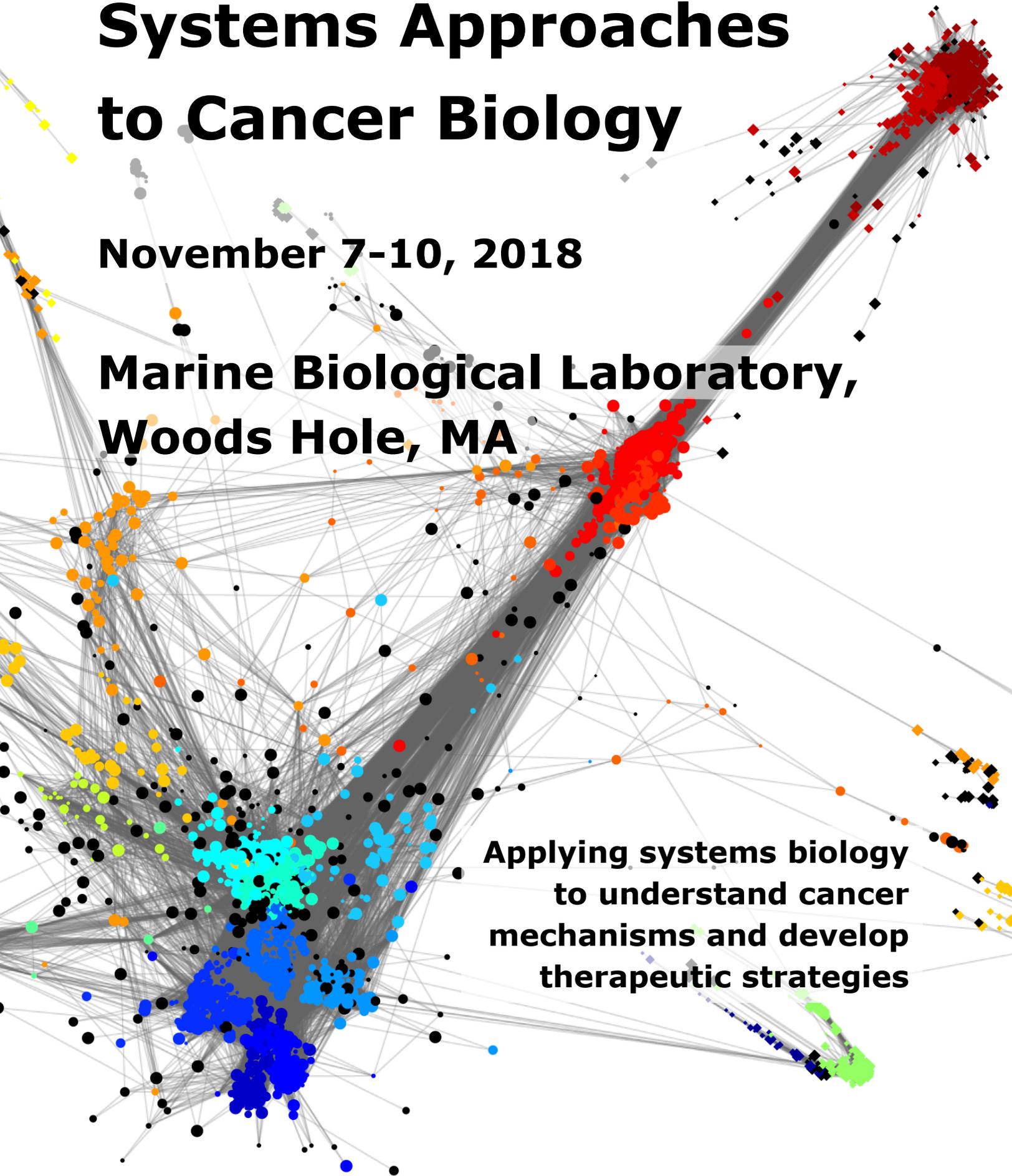


Systems Approaches to Cancer Biology

November 7-10, 2018

**Marine Biological Laboratory,
Woods Hole, MA**

**Applying systems biology
to understand cancer
mechanisms and develop
therapeutic strategies**



Systems Approaches to Cancer Biology – 2018 Meeting

Co-sponsored by the
Association of Early Career Cancer Systems Biologists
and the
National Cancer Institute of the National Institutes of Health
U. S. Department of Health & Human Services



Conference Chairs

Alexander R. A. Anderson, Moffitt Cancer Center
Douglas Lauffenburger, Massachusetts Institute of Technology
Sylvia Plevritis, Stanford University

Organizing Committee

Tenley Archer, Boston Children's Hospital
Afshin Beheshti, NASA
Elana Fertig, Johns Hopkins University
Stacey Finley, University of Southern California
Sara Gosline, Sage Bionetworks
Marc Hafner, Genentech
Shannon Hughes, National Cancer Institute
Brian Joughin, Massachusetts Institute of Technology
Parag Mallick, Stanford University
Aaron Meyer, University of California, Los Angeles
Stephen Piccolo, Brigham Young University
Ayesha Shajahan-Haq, Georgetown University
Erin Wetzel, National Cancer Institute
Kathleen Wilkie, Ryerson University

The Association of Early Career Cancer Systems Biologists (AECCSB)

The mission of the AECCSB is to foster, promote, and advocate for cancer systems biology and the needs of researchers in the field. We do so by sharing information about the field and events, and fostering community and collaboration amongst our members. Our current aim is to host a biennial meeting in Cancer Systems Biology and to maintain a relevant social media presence.

Please feel free to attend our AECCSB Business Meeting on Friday November 9th, to learn more about the association and join our effort.

Acknowledgements

The AECCSB wishes to thank the following organizations for their generous support of this meeting:

Cell Systems

Cell Systems

NanoString Technologies

The logo for NanoString Technologies features the word "nanoString" in a lowercase, sans-serif font. The "n", "a", "n", "o", and "S" are in a light grey color, while the "t", "r", "i", "n", and "g" are in a dark grey color. Below the text is a horizontal line with five grey circles of varying sizes positioned underneath the letters "n", "o", "S", "t", and "r". A small "TM" trademark symbol is located at the end of the line.

nanoString™

NCI's involvement in this activity does not signify endorsement of any fundraising activities in connection with this event. AECCSB, not the NCI, had sought funds which went solely toward the expenses incurred by AECCSB.

Table of contents

Conference agenda	3
Poster list by session	9
List of attendees	12
General information about the conference	18

Oral Presentation Abstracts (available online)

[sacbmeeting.org/public/Oral Presentation Abstracts 2018.pdf](http://sacbmeeting.org/public/Oral%20Presentation%20Abstracts%202018.pdf)



Poster Presentation Abstracts (available online)

[sacbmeeting.org/public/Poster Presentation Abstracts 2018.pdf](http://sacbmeeting.org/public/Poster%20Presentation%20Abstracts%202018.pdf)



Social media hashtag: #SACB2018

Conference agenda

Location

All talks will take place in the Lillie Auditorium.

Poster session, meals and mixers will be held in the Swope Center.

Social media sharing policy

Please properly cite authorship when sharing anyone's work and refrain from posting on social media any image of slides or posters labeled "DO NOT POST" by the presenter (See full policy on page 18).

Talk duration

Keynote talks are 50 minutes, including time for questions. Invited talks will be limited to 30 minutes, plus 10 minutes for questions. Selected talks will be limited to 12 minutes, plus 3 minutes for questions.

Wednesday, November 7

2:00 – 9:00 pm: Check-in at MBL

5:30 – 7:00 pm: Dinner

7:00 pm: Preliminary remarks by Alexander R. A. Anderson

7:10 – 8:00 pm: Opening Keynote

- Christina Leslie (Memorial Sloan Kettering Cancer Center)

8:30 – 10:30 pm: Networking Mixer

Thursday, November 8

7:30 – 8:30 am: Breakfast

9:00 – 10:40 am: Tumor heterogeneity

Chaired by Tenley Archer (Boston Children's Hospital)

- Shannon Mumenthaler (University of Southern California)
Unlikely suspects: deciphering the functional heterogeneity of fibroblasts in cancer
- Paul Macklin (Indiana University)
Open source software for studying 3D multicellular cancer systems biology in high throughput
- Christopher McFarland (Stanford University)
Traversing the fitness landscape of lung adenocarcinoma in vivo using tumor barcoding and CRISPR/Cas9-mediated genome editing
- B. Bishal Paudel (Vanderbilt University)
Drug response epigenetic landscape of BRAF-mutated melanoma cells
- Susanne Tilk (Stanford University)
Effects of genome-wide mutation rates on the accumulation of deleterious mutations in cancer

10:50 am – 12:00 pm: Poster Session 1

12:15 – 1:30 pm: “Meet the PIs” lunch/mentoring opportunity

1:45 – 3:25 pm: Microenvironment and Metastasis

Chaired by Sara Gosline (Sage Bionetworks)

- Andrew Ewald (Johns Hopkins University)
Cellular and molecular mechanisms of epithelial metastasis
- Hunter Boyce (Stanford University)
Spatial analysis of multiplex immunohistochemistry data enables systems analysis of hypoxia and improved stratification of lung cancer patient outcomes
- Aedin Culhane (Dana-Farber Cancer Institute)
Extracting the latent signals of tumor seed/soil using matrix factorization approaches
- Andrew Gentles (Stanford University)
Pan-cancer analysis of time-to-distant metastasis in the context of node-positive and node-negative disease

- Kevin Chen (University of California, San Diego)
ECM-driven stress leads to cancer cell transdifferentiation and collective migration

3:25 – 3:45 pm: Coffee Break

3:45 – 5:25 pm: Translational Systems Biology

Chaired by Ayesha Shajahan-Haq (Georgetown University)

- Robert Gatenby (Moffitt Cancer Center)
Evolutionary dynamics in cancer therapy
- Amy Brock (University of Texas at Austin)
Lineage-resolved analysis of chemoresistance strategies and clonal dynamics
- Sagar Chhangawala (Memorial Sloan Kettering Cancer Center)
Chromatin accessibility maps of recurrence in pancreatic cancer
- Luciane Kagohara (John Hopkins University)
Integrated time course omics analysis distinguishes immediate therapeutic response from acquired resistance
- Jason Sheltzer (Cold Spring Harbor Labs)
Genetic determinants of cancer patient outcome

5:45 – 7:15 pm: Dinner

7:15 – 8:15 pm: Meet the Editors Panel Discussion

With Ernesto Andrianantoandro (Cell Systems),
Robert Gatenby (Cancer Research),
Doug Lauffenburger (PLoS Computational Biology; Integrative Biology), and
Saroja Ramanujan (CPT: Pharmacometrics & Systems Pharmacology)

Moderated by Stacey Finley (University of Southern California)

8:30 – 10:30 pm: Networking Mixer

Friday, November 9

7:15 – 8:15 am: AECCSB Business Meeting

Location: Lillie 103

7:30 – 8:30 am: Breakfast

9:00 – 10:40 am: Systems Immunology & Immunotherapy

Chaired by Kathleen Wilkie (Ryerson University)

- Ilya Shmulevich (Institute for Systems Biology)
The immune landscape of cancer
- Philipp Altrock (Moffitt Cancer Center)
Evolutionary dynamics of non-Hodgkin's lymphoma CAR T cell therapy
- Jennifer Oyler-Yaniv (University of California, Los Angeles)
Catch and release of cytokines mediated by tumor phosphatidylserine converts transient exposure into long-lived inflammation
- Nathan Reticker-Flynn (Stanford University)
Lymph node colonization promotes distant tumor metastasis through the induction of systemic immune tolerance
- Siranush Sarkizova (Harvard University/Broad Institute)
More accurate prediction of epitope presentation in tumors for cancer vaccines based on large datasets of HLA-associated epitopes

10:50 am – 12:00 pm: Poster Session 2

12:15 – 1:30 pm: “Meet the PIs” lunch/mentoring opportunity

1:45 – 3:25 pm: Systems Pharmacology

Chaired by Stacey Finley (University of Southern California)

- Saroja Ramanujan (Genentech)
Mechanistic systems modeling in oncology drug development - from pathway inhibitors to cancer immunotherapy
- Arvind Singh Mer (Princess Margaret Cancer Centre/University of Toronto)
Systematic assessment of genomic biomarkers for drug sensitivity prediction in patient derived xenografts

- Beril Tutuncuoglu (University of California, San Francisco)
CRISPR-Cas9 based platform reveals PARP-inhibitor hypersensitivity of cells deficient in novel BRCA1-interactors
- David Wooten (Vanderbilt University)
Quantifying drug combination synergy along axes of potency and efficacy
- Jorge G.T. Zanudo (Pennsylvania State University/Dana-Farber Cancer Institute)
Network modeling of drug resistance mechanisms and drug combinations in breast cancer

3:25 – 3:45 pm: Coffee Break

3:45 – 5:25 pm: Systems Biology: Bench to Bedside

Chaired by Doug Lauffenburger (Massachusetts Institute of Technology)

- Garry Nolan (Stanford University)
Pathology from the ~~molecular~~ atomic scale on up
- Louis Weiner (Georgetown University)
Employing systems biology approaches to uncover a new mechanism of resistance to antibody targeted immune attack

5:45 – 7:15 pm: Dinner

7:15 – 8:45 pm: Systems Biology: Bench to Bedside

Chaired by Dan Gallahan (National Cancer Institute)

- Rosalie Sears (Oregon Health & Science University)
Mechanism that confer therapeutic resistance in triple-negative breast cancer
- Victoria Seewaldt (City of Hope)
Systems approach to distinguish aggressive cancer vs. benign breast lesions

Saturday, November 10

7:30 – 8:30 am: Breakfast

Please note that check-out is at 10 am.

9:00 – 10:40 am: Signaling Networks in Cancer

Chaired by Brian Joughin (Massachusetts Institute of Technology)

- Ursula Klingmüller (DKFZ, German Cancer Research Center)
Deciphering molecular mechanisms regulating cellular decisions in the erythroid system
- Eric Batchelor (National Cancer Institute, NIH)
Defining the network architecture coordinating double strand break repair and p53 dynamics
- Sean Gross (Oregon Health & Science University)
Accurate transmission of IGF-I into AKT signaling activity in individual cells
- James Joly (University of Southern California)
PKA-mediated glycogen catabolism promotes cancer cell resistance to glucose deprivation
- Manu Kumar (Massachusetts Institute of Technology)
Computational analysis of single-cell RNA-sequencing identifies tumor microenvironment cell-cell communication

11:00 – 11:50 am: Closing Keynote

- Joe Gray (Oregon Health & Science University)

11:50 am: Closing remarks by Sylvia Plevritis

Poster session 1: Thursday Nov 8, 10:50 am

Presenter	Title
Archer, Tenley	<i>Proteomics, post-translational modifications, and integrative analyses reveal heterogeneity of molecular mechanisms medulloblastoma subgroups</i>
Bouchard, Gina	<i>Metabolic reprogramming mediated through tumor-stroma crosstalk in lung adenocarcinoma</i>
Carroll, Molly J.	<i>Moving beyond genetic mutations to predict response to targeted therapies</i>
Confuorto, Nick	<i>Validation of antibody panels for high-plex immunohistochemistry applications</i>
Costello, James C.	<i>A network-based model to identify therapeutic targets in RAS-mutant cancer, minimal residual disease, and cancers driven by loss of tumor suppressors</i>
Easwaran, Hariharan	<i>Spontaneous age-associated epigenetic alterations are the underlying driver of oncogene-induced tumorigenesis</i>
Fleck, Julia L.	<i>Inferring drug sensitivity in cancer cell lines during cancer progression</i>
Ford Versypt, Ashlee N.	<i>A hybrid CompuCell3D model of cancer migration in a metastatic remodeling extracellular matrix</i>
Ghosh, Alok	<i>Heterogeneous, multi-scale and patient-specific pharmacodynamic systems models for cancer with clinical applications</i>
Jakobsson, Eric	<i>Systems biology understanding of the effects of lithium on cancer, and extension to other pharmaceuticals</i>
Lau, Ken	<i>A novel approach for assessing diversity across single-cell landscapes</i>
Li, Ding	<i>Deciphering the extracellular inhibition of pro-angiogenic factors using a systems biology model</i>
Li, Irene	<i>Heterogeneous stromal fibroblast subpopulations associated with progression of invasive lung adenocarcinoma</i>
Oren, Yaara	<i>Targeting the root of non-genetic cancer relapse using an expressed barcode library</i>
Pizzurro, Gabriela A.	<i>Melanoma-infiltrating macrophages differentiate from bone-marrow precursors into two F4/80+ populations with differential expression of functional markers</i>

Poster session 1 (continued)

Samusik, Nikolay	<i>Elucidating the HNSCC lymph node invasion by CODEX multidimensional imaging</i>
Sweeney, Paul	<i>Modelling the transport of fluid and solutes through heterogeneous, real-world tumour substrates derived from optically-cleared samples</i>
Tripathi, Shubham	<i>A mechanism for epithelial-mesenchymal plasticity in populations of cancer cells</i>
Wilkie, Kathleen	<i>Mathematical model of simultaneous tumour growth at two distant sites</i>
Zervantonakis, Ioannis	<i>Elucidating the role of fibroblasts in HER2-targeted therapy resistance in breast cancer</i>

Poster session 2: Friday Nov 9, 10:50 am

Presenter	Title
Altrock, Philipp M.	<i>Quantifying intraleukemic heterogeneity through single cell RNA sequencing</i>
Anchang, Benedict	<i>Optimizing drug combinations to account for tumor heterogeneity</i>
Costa, Helio	<i>Structural variation detection by proximity ligation from FFPE tumor tissue</i>
Creixell, Pau	<i>Hierarchical organization endows the kinase domain with regulatory plasticity</i>
Dalin, Simona	<i>Drug sensitivity relationship profiles inform design of new combination drug regimens</i>
Franz, Alexandra	<i>Systems biology of combination therapy in ovarian cancer</i>
Grzadkowski, Michal	<i>Characterizing mutation heterogeneity within and between oncogenes</i>
Hanson, Ryan L.	<i>Defining the network architecture coordinating double strand break repair and p53 dynamics</i>
Harton, Marie	<i>Determining the impact of p53 expression dynamics on target gene promoter activation in single cells</i>
Huang, Lei	<i>Systematic integration and network modeling of multi-omics data to derive driver signaling pathways for drug combination prediction</i>

Poster session 2 (continued)

Iniguez, Abdon	<i>Modeling malignant myelopoiesis to increase efficacy of targeted leukemia therapy</i>
Jia, Dongya	<i>Systems biology analysis of cancer metabolism</i>
Johnson, Kaitlyn	<i>Investigation of the effect of cell density on early stage growth dynamics in cancer utilizing ecological principles</i>
Joly, James H.	<i>Inhibition of glutathione synthesis is synthetically lethal with glucose deprivation</i>
Juarez, Eleonora	<i>Defining early determinants of pancreatic tumorigenesis</i>
Klinke II, David J.	<i>Identifying altered intercellular signaling networks in cancer: WNT-Inducible Signaling Pathway protein 1 (WISP1) as an illustrative example</i>
Kucharavy, Andrei	<i>BioFlow: predicting systemic effect of large-scale genome perturbation</i>
McDermott, Jason	<i>Determining pathway activity from multi-omics data</i>
Meyer, Aaron S.	<i>Dissecting FcγR regulation through a multivalent binding model</i>
Moore, Jade	<i>Host irradiation promotes aggressive tumors by affecting anti-tumor immunity</i>
Nasir, Amjad	<i>Engineering a kinase toolkit for the production of recombinant, tyrosine phosphorylated proteins</i>
Przedborski, Michelle	<i>Overcoming adaptive drug resistance in acute myeloid leukemia using a systems biology approach</i>
Radivoyevitch, Tomas	<i>Chronic myeloid leukemia incidence based estimates of hematopoietic stem cell numbers per person</i>
Shajahan-Haq, Ayesha	<i>A systems approach identifies a role for RUNX1 signaling pathway in endocrine resistant breast cancer</i>
Sheng, Jianting	<i>Systematic modeling communications between stromal and cancer cells in tumor microenvironment</i>
Strasser, Samantha Dale	<i>Substrate-based kinase activity inference identifies global signaling differences between K-Ras alleles</i>
Welf, Erik	<i>Pediatric cancer systems biology at UT Southwestern Medical Center</i>
Yu, Jiyang	<i>NetBID, a novel systems biology approach, identifies Hippo signaling as a 'hidden' driver selectively programming CD8α+ dendritic cell activity</i>

List of attendees

Altrock, Philipp	Moffitt Cancer Center
Anchang, Benedict	Stanford University
Anderson, Alexander R. A.	Moffitt Cancer Center
Andrianantoandro, Ernesto	Cell Systems
Archer, Tenley	Boston Children's Hospital
Batchelor, Eric	National Cancer Institute, NIH
Baumann, William	Virginia Tech
Beheshti, Afshin	NASA
Bottino, Dean	Takeda Pharmaceuticals
Bouchard, Gina	Stanford University
Boyce, Hunter	Stanford University
Brock, Amy	University of Texas at Austin
Cao, Yanguang (Carter)	University of North Carolina at Chapel Hill
Carroll, Molly	University of Wisconsin-Madison
Chen, Kevin	University of California, San Diego
Chhangawala, Sagar	Weill Cornell Medicine
Confuorto, Nicholas	NanoString Technologies
Costa, Helio	Stanford University
Costello, James	University of Colorado Anschutz Medical Campus

Couch, Jennifer	National Cancer Institute, NIH
Creixell, Pau	Massachusetts Institute of Technology
Culhane, Aedin	Dana-Farber Cancer Institute/ Harvard TH Chan School of Public Health
Dalin, Simona	Massachusetts Institute of Technology
Dembo, Micah	Boston University
Easwaran, Hari	Johns Hopkins University
Espey, Michael	National Cancer Institute, NIH
Ewald, Andrew	John Hopkins University
Fertig, Elana	Johns Hopkins University
Finley, Stacey	University of Southern California
Ford Versypt, Ashlee	Oklahoma State University
Franz, Alexandra	Dana-Farber Cancer Institute/Harvard Medical School
G. T. Zañudo, Jorge	The Pennsylvania State University
Gallahan, Daniel	National Cancer Institute, NIH
Gatenby, Robert	Moffitt Cancer Center
Gentles, Andrew	Stanford University
Ghosh, Alokendra	University of Pennsylvania
Gosline, Sara	Sage Bionetworks
Gray, Joe	Oregon Health & Science University

Gross, Sean	Oregon Health & Science University
Grzadkowski, Michal	Oregon Health & Science University
Guberman, Eric	The College of Wooster
Hanson, Ryan	National Cancer Institute, NIH
Harton, Marie	National Cancer Institute, NIH
He, Wei	Virginia Tech
Huang, Lei	Houston Methodist Research Institute
Hughes, Shannon	National Cancer Institute, NIH
Iniguez, Abdon	University of California, Irvine
Jakobsson, Eric	University of Illinois at Urbana-Champaign
Jia, Dongya	Rice University
Johnson, Kaitlyn	University of Texas at Austin
Joly, James	University of Southern California
Joughin, Brian	Massachusetts Institute of Technology
Juarez, Eleonora	Oregon Health & Science University
Kagohara, Luciane	Johns Hopkins University
Klingmüller, Ursula	DKFZ, German Cancer Research Center
Klinke, David	West Virginia University
Kucharavy, Andrei	Johns Hopkins University
Kumar, Manu	Massachusetts Institute of Technology

Lau, Ken	Vanderbilt University
Lauffenburger, Doug	Massachusetts Institute of Technology
Leslie, Christina	Memorial Sloan Kettering Cancer Center
Li, Ding	University of Southern California
Li, Irene	Stanford University
Lima Fleck, Julia	Pontifical Catholic University of Rio de Janeiro
Macklin, Paul	Indiana University
Mallick, Parag	Stanford University
McDermott, Jason	Pacific Northwest National Laboratory
McFarland, Christopher	Stanford University
Mer, Arvind Singh	University of Toronto
Meyer, Aaron	University of California, Los Angeles
Miller, David	National Cancer Institute, NIH
Moore, Jade	University of California, San Francisco
Mumenthaler, Shannon	University of Southern California
Nasir, Amjad	Washington University in St. Louis
Nolan, Garry	Stanford University
Oren, Yaara	Broad Institute
Oyler-Yaniv, Jennifer	University of California, Los Angeles
Paudel, Bishal	Vanderbilt University

Piccolo, Stephen	Brigham Young University
Pizzurro, Gabriela	Yale University
Plevritis, Sylvia	Stanford University
Przedborski, Michelle	University of Waterloo
Radivoyevitch, Tomas	Cleveland Clinic
Ramanujan, Saroja	Genentech
Reticker-Flynn, Nathan	Stanford University
Rullo, Liz	NanoString Technologies
Samusik, Nikolay	Stanford University
Sarkizova, Siranush	Harvard University/Broad Institute
Saucier, David	University of Texas Southwestern Medical Center
Sears, Rosalie	Oregon Health & Science University
Seewaldt, Victoria	City of Hope
Shajahan-Haq, Ayesha	Georgetown Lombardi Comprehensive Cancer Center
Shams, Carolina	The College of Wooster
Sheltzer, Jason	Cold Spring Harbor Laboratory
Sheng, Jianting	Houston Methodist Hospital
Shmulevich, Ilya	Institute for Systems Biology
Soltis, Anthony	The American Genome Center at the Uniformed Services University of the Health Sciences

Strasser, Samantha	Massachusetts Institute of Technology
Sweeney, Paul	University College London
Tilk, Susanne	Stanford University
Tripathi, Shubham	Rice University
Tutuncuoglu, Beril	University of California, San Francisco
Weiner, Louis	Georgetown Lombardi Comprehensive Cancer Center
Welf, Erik	University of Texas Southwestern Medical Center
Widdershins, Afton	The College of Wooster
Wilkie, Kathleen	Ryerson University
Wooten, David	Vanderbilt University
Yu, Jiyang	St. Jude Children's Research Hospital
Zahir, Nastaran	National Cancer Institute, NIH
Zervantonakis, Ioannis	Harvard Medical School

General information about the conference

Social media sharing policy

Conference attendees may share information from presentations on social media provided that they respect the wishes of presenters and properly cite authorship. Oral presenters may label any or all slides in their presentations with “DO NOT POST.” Similarly, poster presenters may label their posters with “DO NOT POST.” Attendees must respect the presenters’ requests in these instances; while attendees may take photographs of all slides and posters, they must refrain from posting on social media any images from slides or posters labeled “DO NOT POST.”

Feel free to use our hashtag: **#SACB2018**

Marine Biological Laboratory in Woods Hole, MA

Address

Marine Biological Laboratory
7 MBL Street
Woods Hole, MA 02543

Housing Information

Check in/out Time

Housing check-in time is after 2p at the Swope lobby. Parking passes are available at check-in.

Check-out time is prior to 10am. Please remember to return your key to the front desk.

Alcohol, Drugs, and Hazardous Substances

Alcohol is limited to Beer and Wine consumed at scheduled mixers/receptions and dinners. Alcohol is not allowed in any housing common areas, including lounges, corridors, stairwells, and the like. Please take note of MBL policy on alcohol:

<http://www.mbl.edu/hr/staff-toolbox/marine-biological-laboratory-policy-manual/alcohol/>.

All local, state and federal laws concerning the use, possession, and distribution of drugs and alcohol are in effect in all MBL facilities at all times. Illegal drugs are not permitted.

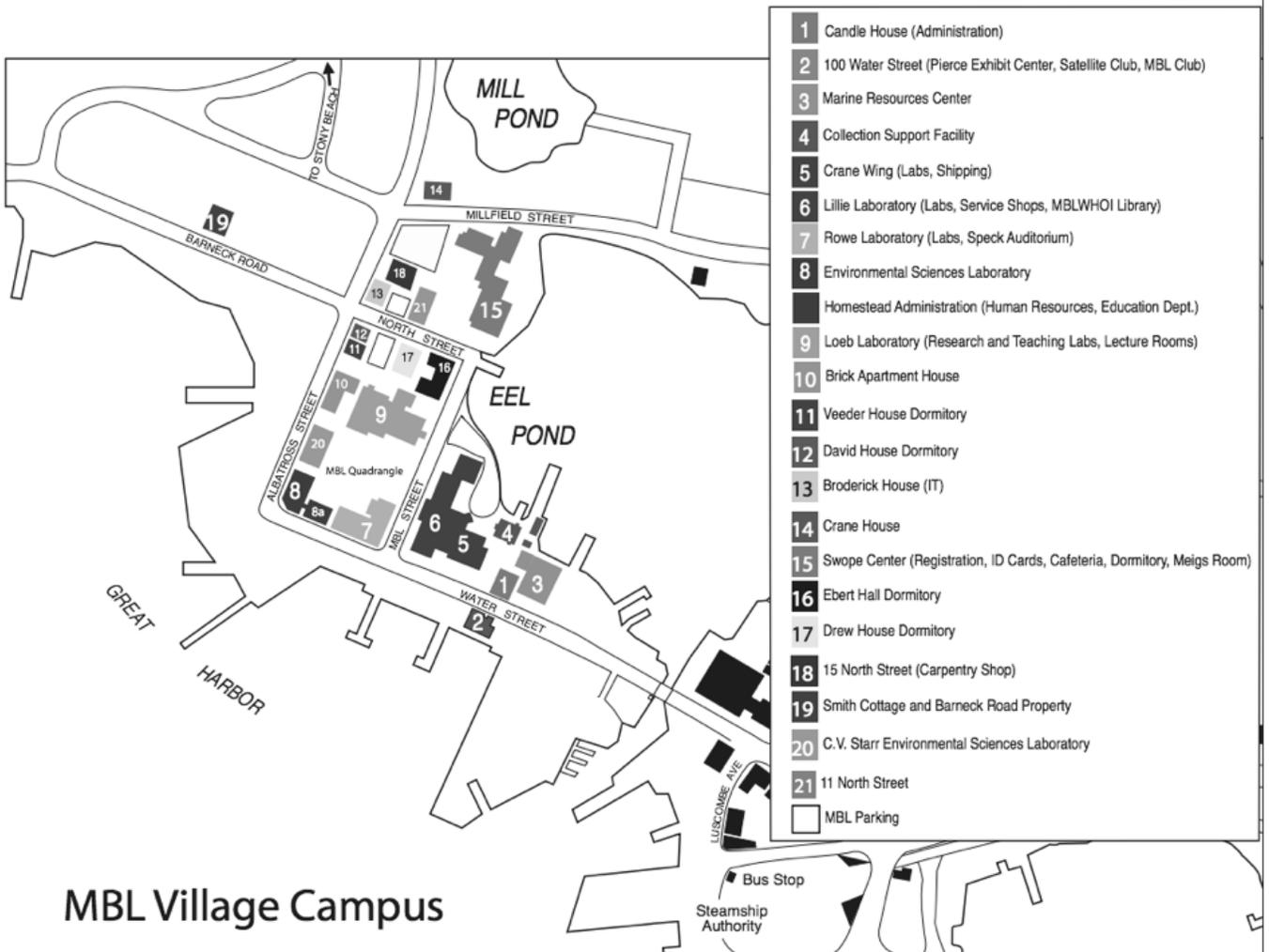
Please note that it is not permitted to use or store any flammable, toxic, or otherwise hazardous materials in any MBL facility or the campus.

Map of Marine Biological Laboratory

Check-in will be at the Swope lobby (#15).

All talks will take place in the Lillie auditorium (#6).

The AECCSB Business Meeting will be held in Lillie 103 (#6).



MBL Code of Conduct

All conference participants must adhere to the MBL Code of Conduct. Please familiarize yourself with the MBL Code of Conduct for participants:

<http://www.mbl.edu/hr/staff-toolbox/marine-biological-laboratory-policy-manual/code-of-conduct/>

AECCSB Code of Conduct

This code of conduct outlines our expectations for participants within the AECCSB community, as well as steps to reporting unacceptable behavior. We are committed to providing a welcoming and inspiring community for all and expect our code of conduct to be honored. Anyone who violates this code of conduct may be banned from the community.

Our community strives to:

- Be friendly and patient.
- Be welcoming: We strive to be a community that welcomes and supports people of all backgrounds and identities. This includes, but is not limited to members of any race, ethnicity, culture, national origin, colour, immigration status, social and economic class, educational level, sex, sexual orientation, gender identity and expression, age, size, family status, political belief, religion, and mental and physical ability.
- Be considerate: Your work will be used by other people, and you in turn will depend on the work of others. Any decision you take will affect users and colleagues, and you should take those consequences into account when making decisions. Remember that we're a world-wide community, so you might not be communicating in someone else's primary language.
- Be respectful: Not all of us will agree all the time, but disagreement is no excuse for poor behavior and poor manners. We might all experience some frustration now and then, but we cannot allow that frustration to turn into a personal attack. It's important to remember that a community where people feel uncomfortable or threatened is not a productive one.
- Be careful in the words that we choose: We are a community of professionals, and we conduct ourselves professionally. Be kind to others. Do not insult or put down other participants. Harassment and other exclusionary behavior aren't acceptable.
- Try to understand why we disagree: Disagreements, both social and technical, happen all the time. It is important that we resolve disagreements and differing views constructively. Remember that we're different. The strength of our community comes from its diversity, people from a wide range of backgrounds. Different people have different perspectives on issues. Being unable to understand why someone holds a viewpoint doesn't mean that they're wrong. Don't forget that it is human to err and blaming each other doesn't get us anywhere. Instead, focus on helping to resolve issues and learning from mistakes.

Definitions

Harassment includes, but is not limited to:

- Offensive comments related to gender, gender identity and expression, sexual orientation, disability, mental illness, neuro(a)typicality, physical appearance, body size, race, age, regional discrimination, political or religious affiliation
- Unwelcome comments regarding a person's lifestyle choices and practices, including those related to food, health, parenting, drugs, and employment
- Deliberate misgendering. This includes deadnaming or persistently using a pronoun that does not correctly reflect a person's gender identity. You must address people by the name they give you when not addressing them by their username or handle
- Physical contact and simulated physical contact (eg, textual descriptions like "hug" or "backrub") without consent or after a request to stop
- Threats of violence, both physical and psychological
- Incitement of violence towards any individual, including encouraging a person to commit suicide or to engage in self-harm
- Deliberate intimidation
- Stalking or following
- Harassing photography or recording, including logging online activity for harassment purposes
- Sustained disruption of discussion
- Unwelcome sexual attention, including gratuitous or off-topic sexual images or behaviour
- Pattern of inappropriate social contact, such as requesting/assuming inappropriate levels of intimacy with others
- Continued one-on-one communication after requests to cease
- Deliberate "outing" of any aspect of a person's identity without their consent except as necessary to protect others from intentional abuse
- Publication of non-harassing private communication

Our open source community prioritizes marginalized people's safety over privileged people's comfort. We will not act on complaints regarding:

- 'Reverse' -isms, including 'reverse racism,' 'reverse sexism,' and 'cisphobia'
- Reasonable communication of boundaries, such as "leave me alone," "go away," or "I'm not discussing this with you"
- Refusal to explain or debate social justice concepts
- Communicating in a 'tone' you don't find congenial
- Criticizing racist, sexist, cissexist, or otherwise oppressive behavior or assumptions

Diversity Statement

We encourage everyone to participate and are committed to building a community for all. Although we will fail at times, we seek to treat everyone both as fairly and equally as possible. Whenever a participant has made a mistake, we expect them to take responsibility for it. If someone has been harmed or offended, it is our responsibility to listen carefully and respectfully, and do our best to right the wrong.

Although this list cannot be exhaustive, we explicitly honor diversity in age, gender, gender identity or expression, culture, ethnicity, language, national origin, political beliefs, profession, race, religion, sexual orientation, socioeconomic status, and technical ability. We will not tolerate discrimination based on any of the protected characteristics above, including participants with disabilities.

This statement is meant to cover all meeting-associated events and online spaces associated with the meeting, including Facebook, Twitter, and other online venues.

Reporting Issues

If you experience or witness unacceptable behavior—or have any other concerns—please report it by contacting us via conduct@sacbmeeting.org. Please note that this forwards to Sara Gosline, Aaron Meyer, and Stephen Piccolo, of the meeting organizing committee. Alternatively you may report to any member of the organizing committee. All reports will be handled with discretion.

In your report please include:

- Your contact information.
- Names (real, nicknames, or pseudonyms) of any individuals involved. If there are additional witnesses, please include them as well. Your account of what occurred, and if you believe the incident is ongoing. If there is a publicly available record (e.g. a mailing list archive or a public IRC logger), please include a link.
- Any additional information that may be helpful.

After filing a report, a representative will contact you personally, review the incident, follow up with any additional questions, and make a decision as to how to respond. We will respond in a timely manner and if you are not contacted within 12 hours of sending an e-mail, please talk to a member of the SACB organizing committee at the meeting to ensure that the message is received. If you witness or experience behavior that constitutes an immediate and serious threat, please call 911 or the local police first.

If the person who is harassing you is part of the response team, they will recuse themselves from handling your incident. If the complaint originates from a member of the response team, it will be handled by a different member of the response team. We will respect confidentiality requests for the purpose of protecting victims of abuse.

AECCSB takes any breach of professional conduct at the SACB meeting very seriously. In situations for which additional action is warranted, the AECCSB will cooperate fully with the appropriate authorities. Those who violate the standards of professional and respectful conduct may be asked to leave the meeting immediately and without refund, may not be considered for service on AECCSB boards and committees, and may be subject to additional legal action or reporting of behavior to their institutions for investigation.

The [TODO Group Open Source Code of Conduct](#) and [Safe and Inclusive Meetings from the American Meteorological Association](#) served as starting points for this code of conduct, which was adapted.