

Wednesday, April 20th, 2022

- 8:30 – 8:45 a.m. **Opening Remarks from Colloquium Planning Committee Chairs:**
Vasty Osei Amponsa, Ph.D. and Anna Ratliff, Ph.D.
- 8:45 – 9:00 a.m. **Remarks from Center for Cancer Training Leadership**
Erika Ginsburg, M.A., Chief, Office of Training and Education, CCT
Oliver Bogler, Ph.D., Director, Center for Cancer Training
- 9:00 – 9:30 a.m. **Ned Sharpless, M.D.**, Director, NCI
- 9:30 – 10:30 a.m. **Keynote Speaker I**
Steven A. Rosenberg, M.D., Ph.D., Chief of Surgery, National Cancer Institute, Head of Tumor Immunology Section
“Lymphocytes as a “living drug” for the treatment of cancer”
- 10:30 – 10:45 a.m. **BREAK**
- 10:45 – 12:00 p.m. **Concurrent Oral Presentations (3 virtual breakout sessions)**
- a) Biophysics, Chemistry, Pharmacology and Structural Biology**
 Maximilia Frazao de Souza Degenhardt, Ph.D.
 Martin Ng, Ph.D.
 Tim Phelps, Ph.D.
 Faris Zaibaq
- b) Genetics, Genomics, Chromatin, Signal Transduction, and Transcription**
 Manuel Brewer
 Béga Murray
 Roshan Shrestha, Ph.D.
 Amit Singh, Ph.D.
- c) Immunology, Virology, and Metabolism**
 Shania Bailey
 Pradip Bajgain, Ph.D.
 Dan Li, Ph.D.
 Hrishikesh Pandit, Ph.D.
- 12:00 – 12:30 p.m. **LUNCH**
- 12:30 – 2:00 p.m. **Virtual Poster Session**
- ***Bioinformatics, Epidemiology and Translational Research***
 - ***Biophysics, Chemistry, Pharmacology and Structural Biology***
 - ***Cancer Models, Cancer Stem Cells, Carcinogenesis and Metastasis***
 - ***Genetics, Genomics, Chromatin, Signal Transduction and Transcription***
 - ***Molecular and Cellular Biology and Microbiology***
 - ***Immunology, Virology and Metabolism***
- 2:00 – 2:15 p.m. **BREAK**
- 2:15 – 3:15 p.m. **Keynote Speaker II**
Naomi Taylor, M.D., Ph.D., Senior Investigator, Pediatric Oncology Branch

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22nd Annual CCR Fellows and Young Investigators Colloquium

“Nutrient shifts regulate hematopoiesis: Impact on retroviral infection and immunotherapies”

- 3:15 – 4:00 p.m. **Outstanding Postdoctoral Fellow**
Xiyaun Zhang, Ph.D., Research Fellow, Pediatric Oncology Branch,
Center for Cancer Research, National Cancer Institute
“Loss of PRC2 enforces a mesenchymal neural crest stem cell phenotype in NF1-deficient cancer through activation of core transcription factors”
- 4:00 – 4:15 p.m. **BREAK**
- 4:15 – 5:30 p.m. **Concurrent Workshops and Panels I (3 virtual breakout sessions)**
- I. **Networking and Interview Skills (Workshop)**
Mary M. Mitchell, President, The Mitchell Organization, The American University in Cairo
 - II. **Science Communications in the Era of Social Media: How to communicate and make information accessible (Workshop)**
Jennifer Dorsey, M.S., The Social Media Coordinator, National Cancer Institute
 - III. **Scientists in Tech, Industry and Small Business (Panel)**
Amy Beckley, Ph.D., M.B.A., Owner and CEO of MFB Fertility Inc.
Sunny Jansen, Ph.D., Technical Program Manager, Google
Stephen Miller, Ph.D., Senior Scientist and Group Leader, Genentech
Barbara Rath, Ph.D., Associate Principal Scientist, Merck
- 5:30 – 5:45 p.m. **ADJOURN**
- 5:45 – 6:30 p.m. **Virtual Social Networking**

Thursday, April 21st, 2022

- 8:30 – 8:45 a.m. **CCR Basic Science Director’s Address**
Glenn Merlino, Ph.D., CCR Scientific Director for Basic Research
- 8:45 – 9:00 a.m. **CCR Clinical Director’s Address**
William L. Dahut, M.D., CCR Scientific Director for Clinical Research,
NCI Clinical Director
- 9:00 – 10:00 a.m. **Keynote Speaker III**
Livia S. Eberlin, Ph.D., Assistant Professor, William H. Tonn Professorial
Fellow; Department of Chemistry, The University of Texas at Austin,
Department of Surgery, Baylor College of Medicine
**“Translating Mass Spectrometry Technologies to the Clinic:
Challenges and Opportunities to Advance Patient Care”**
- 10:00 – 10:15 a.m. **BREAK**
- 10:15 – 11:30 a.m. **Concurrent Oral Presentations II (3 virtual breakout sessions)**
- a) Bioinformatics, Epidemiology, and Translational Research**
 Brandon Bergsneider
 Summer Harvey
 Yeonju Kim
 Brieann Sobieski
- b) Cancer Models, Cancer Stem Cells, Carcinogenesis and
 Metastasis**
 Kylinda Bauer, Ph.D.
 Miranda Clements, Ph.D.
 Joshua Stone, Ph.D.
 Vasiliki Stravokefalou
- c) Molecular and Cellular Biology and Microbiology**
 Isaiah King
 Joe Nguyen, Ph.D.
 Tai Nguyen
 Rebecca Su
- 11:30 – 12:00 p.m. **LUNCH**
- 12:00 – 1:30 p.m. **Virtual Poster Sessions**
- ***Bioinformatics, Epidemiology and Translational Research***
 - ***Biophysics, Chemistry, Pharmacology and Structural Biology***
 - ***Cancer Models, Cancer Stem Cells, Carcinogenesis and
Metastasis***
 - ***Genetics, Genomics, Chromatin, Signal Transduction and
Transcription***
 - ***Molecular and Cellular Biology and Microbiology***
 - ***Immunology, Virology and Metabolism***
- 1:30 – 1:45 p.m. **BREAK**
- 1:45 – 2:45 p.m. **Keynote Speaker IV**
Craig M. Crews, Ph.D., American Cancer Society Professor, John C.
Malone Professor of Molecular, Cellular, and Developmental Biology

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Department of Chemistry and Department of Pharmacology, Executive Director, Yale Center for Molecular Discovery
“PROTACs and Targeted Protein Degradation: A New Therapeutic Modality”

- 2:45 – 3:30 p.m. **Survivorship Speaker**
Victoria Forster, Ph.D., Postdoctoral Research Scientist in Pediatric Cancer, The Hospital for Sick Children, Canada
“From childhood cancer patient to cancer research scientist: lessons for the future”
- 3:30 – 3:45 p.m. **BREAK**
- 3:45 – 5:00 p.m. **Concurrent Workshops and Panels II (3 virtual breakout sessions)**
- I. **Getting the Most from NIH: Learning about grants, leadership and training opportunities for your transition from NIH to your career (Workshop)**
Laura Hooper, Ph.D., Faculty Support Coordinator, Center for Cancer Research, National Cancer Institute
 - II. **Academic and Alternative Academic Positions (Panel)**
Kelsey Bohn, Ph.D., Manager of Postdoctoral Training and Programs, Cleveland Clinic
Melissa Davis, Ph.D., Associate Professor of Cell and Developmental Biology, Department of Surgery, Scientific Director of the International Center for the Study of Breast Cancer Subtypes, Weill Cornell Medical College
Erin Hopper, Ph.D., Director for Programs and Grants, Institute for Convergent Science University of North Carolina at Chapel Hill
Thomas Keck, Ph.D., Associate Professor, Chemistry & Biochemistry, Molecular & Cellular Biosciences, and Research, Rowan University
 - III. **Scientific Careers in the Government (Panel)**
Alisha Henderson, M.S., Forensic Chemist, U.S. Department of Homeland Security
Robert L Kortum, M.D., Ph.D., Assistant Professor, Pharmacology and Molecular Therapeutics, Director of the MD/PhD Program, Uniformed Services University
Andrea McCollum, Ph.D., Patent Examiner, United States Patent Office
Darmood (David) Wei, Ph.D., DABT, Pharmacology/Toxicology Reviewer, Office of Generics Drugs, FDA
- 5:00 – 5:45 p.m. **Closing Address & Travel Awards**
Tom Misteli, Ph.D., Director, Center for Cancer Research
- 5:45 – 6:00 p.m. **ADJOURN**
- 6:00 – 6:30 p.m. **Virtual Social Networking**