

Physical Sciences in  
Oncology Center  
**PSOC@Penn**

## *Spring 2021 Webinar Series*

*Mondays @ Noon (EST)*

*For webinar link, please contact <manu@seas.upenn.edu>*



**01.25.2021**

**“Predicting interactions between cell collectives and their environment”**

**M. Lisa Manning, PhD**

Professor, Department of Physics, Syracuse University, NY  
<https://thecollege.syr.edu/people/faculty/manning-m-lisa/>

**02.01.2021**

**“TBA”**



**02.08.2021**

**“Abnormal Mechanics in Brain Tumors”**

**Meenal Datta, PhD**

Research Fellow in Radiation Oncology, Massachusetts General Hospital

<https://connects.catalyst.harvard.edu/Profiles/display/Person/170359>



**02.15.2021**

**“Sensing matrix rigidity: transducing mechanical signals from integrins to the nucleus”**

**Pere Roca-Cusachs Soulere, PhD**

Group Leader (IBEC) & Associate professor, Cellular and Molecular Mechanobiology, University of Barcelona

<https://www.ibecbarcelona.eu/member/156/Pere+Roca-Cusachs+Soulere/>

**02.22.2021**

**“TBA”**



**03.01.20**

**“Polarity signaling ensures epidermal homeostasis by coupling cellular mechanics and genomic integrity”**

**Sandra Iden, PhD**

Professor, Head of Dept. Cell & Developmental Biology, Saarland University, Homburg/Saar, Germany

<https://www.uni-saarland.de/en/chair/iden.html>



**03.08.2021**

**“TBA”**

**Jorden Zev Gartner, PhD**

Professor, Department of Pharmaceutical Chemistry, UCSF, California

<https://www.gartnerlab.ucsf.edu/people.php>



**03.22.2021**

**“TBA”**

**Robert T. Tranquillo, PhD**

Distinguished McKnight University Professor, Department of Biomedical Engineering, University of Minnesota

<https://cse.umn.edu/bme/robert-t-tranquillo>



**03.29.2021**

**“TBA”**

**Rong Li, PhD**

Bloomberg Distinguished Professor of Cell Biology, Johns Hopkins School of Medicine.

<https://ronglilab.johnshopkins.edu/c/people/>



**04. 05.2021**

**“Cancer cell unjamming as predictive tumor marker”**

**Dr. Josef A. Käs**

Faculty & Head of the Soft Matter Physics Division, University of Leipzig

<https://home.unileipzig.de/pwm/web/?section=people&page=kaes>



**04. 12.2021**

**“TBA”**

**Wendy Liu, PhD**

Associate professor, Biomedical Engineering, Chemical & Biomolecular Engineering, University of California, Irvine.

<https://ccbs.uci.edu/team/wendy-liu/>



**04.26.2021**

**“TBA “**

**Jason Locasale , PhD**

Associate Professor of Pharmacology and Cancer Biology, Duke university

<https://medschool.duke.edu/about-us/our-faculty/jason-locasale>



**05.10.2021**

**“TBA “**

**Buzz Baum, PhD**

LMCB Group Leader, UCL Professor of Cell Biology , IPLS Chair,UK

<https://www.ucl.ac.uk/lmcb/users/buzz-baum>