

Physical Sciences in
Oncology Center
PSOC@Penn

Fall 2022 Hybrid-Seminar Series

Mondays 1.00-2.00 pm (EST)

Towne 225 / Raisler Lounge

"For Zoom link, please contact <manu@seas.upenn.edu>"



09.26.2022

"Compromised nuclear envelope integrity leads to tumor cell invasion"

Guilherme Nader, PhD

Assistant professor, Department of Pathology and Laboratory Medicine at CHOP.
<https://www.research.chop.edu/people/guilherme-pf-nader>



10.10 2022

**"Nanotechnologies for Isolating and Characterizing Extracellular Nanocarriers of
Cancer Biomarkers "**

Hsueh-Chia Chang, PhD

Bayer Professor of Chemical and Biomolecular Engineering, University of Notre Dame
<https://engineering.nd.edu/faculty/hsueh-chia-chang/>



Special Seminar: Jointly, PSOC & Ctr for Soft & Living Matter.

10.18.2022 (Tuesday @ Noon)

“Feeling for cell function”

Jochen Guck , PhD

Professor, Max Planck Institute, Physics

<https://www.mpg.de/12357988/science-of-light-guck>



10.24 2022

TBA

Jamal S. Lewis, Ph.D.

Associate Professor, Department of Biomedical Engineering' University of Florida,

<https://www.bme.ufl.edu/dept-member/jamal-lewis-ph-d/>



11.07 2022

“Bioengineered human brain microvascular network to model brain tumor and mechanobiology of glioma invasion “

Guohao Dai, PhD

Associate Professor, Bioengineering , Northeastern University, Boston

<https://coe.northeastern.edu/people/dai-guohao/>



11.21.2022

"Mechanical Control of T Cell Function"

Morgan Huse, PhD

Member, Memorial Sloan Kettering Cancer Center, The Sloan Kettering Institute

<https://www.mskcc.org/research/ski/labs/morgan-huse#research-focus>



11.28 .2022

"Mechanical waves identify the amputation position during wound healing in the amputated zebrafish tailfin"

Keng-hui Lin, PhD

Institute of Physics, Academia Sinica, Taiwan

<https://www.phys.sinica.edu.tw/~softlab/index.php?id=11&fid=11>



12.12 2022

"Validation of a bicistronic CAR to overcome intratumoral heterogeneity in GBM"

Zev Binder, MD - PhD

Department of Neurosurgery Perelman School of Medicine University of Pennsylvania

<https://www.med.upenn.edu/cci/binderlab/>