<table>
<thead>
<tr>
<th>Date</th>
<th>Speaker and Affiliation</th>
<th>Seminar Title</th>
<th>Faculty Host(s)</th>
<th>Co-Sponsor</th>
<th>Translational Cross Talk</th>
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<tbody>
<tr>
<td>9/22/2020</td>
<td>Jacqueline Jovas, MD, Professor of Surgery, Professor of Pathology, Professor of Biomedical Engineering &amp; Lommia Shra, PhD, Professor &amp; Chair of Biomedical Engineering, Professor of Chemical Engineering</td>
<td>“An Engineered Immunological Niche for Early Detection of Metastatic Cancer (and other diseases with immune dysregulation)”</td>
<td>Filip Bednar, MD, PhD, FACs Assistant Professor of Surgery, Department of Surgery</td>
<td>Linda Samuelson, PhD, (Introduction) Moderator TBD</td>
<td>Translational Cross Talk</td>
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<tr>
<td>10/20/2020</td>
<td>Feng Li, PhD Research Assistant Professor, Life Sciences Institute Assistant Professor, Dept. of Biologic and Materials Sciences Assistant Professor, Dept. of Molecular and Integrative Physiology University of Michigan</td>
<td>“Neural control of breathing”</td>
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<tr>
<td>10/28/2020</td>
<td>Katharine A. Gallagher, MD, Associate Professor of Surgery and Associate Professor of Microbiology and Immunology &amp; Bethany Moore, PhD, Interim Chair and Professor, Microbiology &amp; Immunology Galen B Teves MD Collegiate Professor of Pulmonary Care &amp; Critical Medicine Professor, Internal Medicine</td>
<td>“Macrophages in Diabetic Wound Repair”</td>
<td>Filip Bednar, MD, PhD, FACs Assistant Professor of Surgery, Department of Surgery</td>
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<td>Translational Cross Talk</td>
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<td>11/14/2020</td>
<td>Filip Bednar, MD, PhD, FAC Assistant Professor of Surgery, Department of Surgery &amp; Howard Crawford, PhD, Professor, Molecular &amp; Integrative Physiology Professor, Internal Medicine</td>
<td>“Epithelial plasticity in pancreatic cancer”</td>
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<td>Translational Cross Talk</td>
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<tr>
<td>11/19/2020</td>
<td>Samantha A. Breugmann, PhD, Associate Professor of Surgery, UC Department of Surgery Cincinnati Children’s Hospital Medical Center</td>
<td>“Using the craniosynostotic complex mechanisms of Hedgehog signal transduction”</td>
<td>Ben Allan, PhD, Associate Professor, Cell and Developmental Biology</td>
<td>Department of Cell and Developmental Biology</td>
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<tr>
<td>11/17/2020</td>
<td>Kyung Eun Lee, PhD, Assistant Professor of Pharmacology, University of Michigan</td>
<td>Role of Hypoxia in Pancreatic Tumorigenesis</td>
<td>Minna Pasca di Magliano, PhD, Professor, General Surgery, Department of Surgery</td>
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<td>12/1/2020</td>
<td>Yu Lui Lee, DDS, PhD, Assistant Professor of Dentistry, School of Dentistry and Adjunct Assistant Professor of Otolaryngology-Head and Neck Surgery</td>
<td>Oncogenic and Environmental Suppression of Invasive Sensing of Cancer</td>
<td>Noruiki Ono, DDS, PhD, School of Dentistry</td>
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<td>12/11/2020</td>
<td>Xiaomin Bao, PhD, Assistant Professor, Department of Molecular Biosciences Northeastern University</td>
<td>“Transcriptional regulation of human epidermal tissue regeneration”</td>
<td>Sunny Wong, PhD, Associate Professor, Dermatology And Cell and Developmental Biology</td>
<td>Department of Dermatology</td>
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<td>1/12/2021</td>
<td>Minna Rob-Johnson, PhD Assistant Professor, Department of Biochemistry University of Utah</td>
<td>Horizontal transfer of macrophage mitochondria in cancer</td>
<td>Rosa Mejiajer PhD Candidate</td>
<td>Cell and Molecular Biology Program Pasca di Magliano Lab</td>
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<tr>
<td>1/26/2021</td>
<td>Kimberly Cooper, PhD, Division of Biological Sciences, Cell and Developmental Biology, University of California San Diego</td>
<td>“Variations in Biology” (How and why the jerboa got its long legs)</td>
<td>Ben Allan, PhD, Associate Professor, Cell and Developmental Biology</td>
<td>University of California, Cellular &amp; Developmental Biology (MCBB) and Ecology &amp; Evolutionary Biology (EEB)</td>
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<td>2/2/2021</td>
<td>Kristin Watt, PhD, Postdoctoral Researcher Stowers Institute for Medical Research</td>
<td>“RiNA Polymerase I function during embryonic development”</td>
<td>Ben Allan, PhD, Associate Professor, Cell and Developmental Biology</td>
<td>Department of Cell and Developmental Biology</td>
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<td>2/16/2021</td>
<td>Claudia Lobel, MD, PhD Assistant Professor of Materials Science &amp; Engineering University of Pennsylvania (Joining the MSE Department at UM Fall 2021)</td>
<td>“Engineering the cell-matrix interface - understanding and guiding cell function”</td>
<td>Ariella Shikanov, PhD, Associate Professor of Biomedical Engineering</td>
<td>University of Michigan, Cellular &amp; Developmental Biology (MCBB) and Ecology &amp; Evolutionary Biology (EEB)</td>
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<td>2/23/2021</td>
<td>Crystal D. Rogers, PhD, Assistant Professor UC Davis School of Veterinary Medicine, VMDB Department of Anatomy, Physiology, and Cell Biology</td>
<td>“Variations in Biology” (Sticking together Cadherin proteins during embryonic development)</td>
<td>Laura Brititts, PhD, Associate Professor, Molecular, Cellular and Developmental Biology Trainee Host: Tyler Hurd, Ben Allen Lab</td>
<td>University of Michigan, Cellular &amp; Developmental Biology (MCBB) and Ecology &amp; Evolutionary Biology (EEB)</td>
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Matthew C. Gibson, PhD
Investigator and Dean of the Graduate School
Stowers Institute for Medical Research
“Body Plan Evolution: Hox-dependent morphogenesis in the sea anemone Nematostella vectensis”
Bridget Waas
Ph.D. Candidate
Department of Cell and Developmental Biology
Allen Lab

Francesca Colic, PhD
Associate Professor
UT MD Anderson Cancer Center
Department of Epigenetics and Molecular Carcinogenesis
Co-Director of the Genetics and Epigenetics Program
Director of Trainee Transitions for Epigenetics and Molecular Carcinogenesis
“How chromosome structure and recombination ensure segregation into sperm”
Ben Allen, PhD, Associate Professor
Cell and Developmental Biology
Department of Cell and Developmental Biology

Brendon M. Baker, PhD
Assistant Professor
Biomedical Engineering, University of Michigan
"Coming together in challenging times: multicellular assembly in engineered microenvironments"
Ariella Shikanov, PhD, Associate Professor of Biomedical Engineering
Biomedical Engineering

Mamu Prakash, PhD
Associate Professor, Bioengineering
Senior Fellow, Stanford Woods Institute for the Environment
Stanford University
"Neuroscience without neurons: Bodies without brains and other musings in science”
Nafisa Nuzhat Pearring Lab
Department of Human Genetics

Stephanie Moon, Ph.D, Assistant Professor, Department of Human Genetics
"RNA regulation in proteotoxic stress and genetic neurological disorders”
Sundeep Kalantry, PhD, Associate Professor of Human Genetics
Cell and Developmental Biology (CDB)

Giorgia Quadrato, PhD
Assistant Professor of Stem Cell Biology and Regenerative Medicine
Broad CIRM Center
Keck School of Medicine
University of Southern California
TBA
Daysha Ferrer Torres, Ph.D
Spence Lab
Spence Lab
Internal Medicine, Gastroenterology