



Day 1 - Tuesday, November 12

9:00am - 10:00am	Arrival & Registration
10:00am - 11:30am	Workshop Sponsored by Nikon <i>AI in Action: Elevating The Microscopy Experience</i>
11:30am - 12:30pm	Lunch
12:30pm - 2:00pm	Workshop Sponsored by Argolight <i>Quality Control & Quality Assurance Solutions to Improve Reproducibility in Fluorescence Microscopy</i>
2:00pm - 2:30pm	Break
2:30pm - 3:30pm	Jing Yang <i>Betty Hay Lecture</i>
3:30pm - 5:30pm	Poster Session & Reception

Day 2 - Wednesday, November 13

8:00am - 9:00am	Arrival & Breakfast
9:00am - 9:15am	Ru Gunawardane & Rui Costa <i>Opening Remarks</i>
Session 1: Novel insights from multi-modal analysis and integration of different data types	
9:15am - 9:45am	Andrew Ewald , Johns Hopkins Medicine <i>Defining the molecular state basis of metastasis</i>
9:45am - 10:15am	Crystal Rogers , University of California, Davis <i>Dynamic Shifts: Unraveling Cell Adhesion Changes in Neural Crest EMT</i>
10:15am - 10:45am	Coffee Break

Short Talk Selections	
10:45am - 11:00am	Karl Kowalewski <i>Hypoxia-induced histone methylation in pancreas cancer fibroblasts promotes EMT-supportive growth factor secretion</i>
11:00am - 11:15am	Mohamad Moustafa Ali <i>SOX4 mediates the oncogenic activity of TGF-β signaling in naïve and treatment-resistant breast cancer</i>
11:15am - 11:30am	Pilar Blancafort <i>Reprogramming cellular plasticity in triple negative breast cancer with epigenome engineering tools</i>
11:30am - 11:45am	Sophie Nelissen <i>Harnessing epithelial-mesenchymal plasticity to sensitize quasi-mesenchymal breast tumors to immune checkpoint blockade therapy</i>
11:45am - 1:15pm	Lunch
Session 2: Cell mechanics: shapes, geometries, and migration	
1:15pm - 1:45pm	Alpha Yap , The University of Queensland <i>Tissue mechanics, mechanotransduction and homeostasis</i>
1:45pm - 2:15pm	Jennifer Mitchel , Wesleyan University <i>Exploring the role of EMT and MET in fluid-solid phase transitions of human airway epithelium</i>
Special Session: Meeting Organizer & President of TEMTIA	
2:15pm - 2:45pm	Caroline Hookway , Allen Institute for Cell Science <i>A human induced pluripotent stem (hiPS) cell model for the holistic study of epithelial to mesenchymal transitions (EMTs)</i>
2:45pm - 3:15pm	Pierre Savagner , TEMTIA President <i>Snail and Slug proteins demonstrate cell-specific expression patterns in invasive breast cancer subtypes, correlated with proliferation/differentiation status and mixed prognosis</i>
3:15pm - 5:15pm	Reception & Poster Session

Day 3 - Thursday, November 14	
8:00am - 9:00am	Arrival & Breakfast
9:00am - 9:15am	Opening Remarks
Session 3: Commonalities between EMT contexts	
9:15am - 9:45am	Angela Nieto , Instituto de Neurociencias, CSIC-UMH <i>EMT trajectories in development, fibrosis and cancer</i>
9:45am - 10:15am	Magda Zernicka-Goetz , University of Cambridge, California Institute of Technology <i>Decoupling principles of embryonic development</i>

10:15am - 10:45am	Coffee Break
Short Talk Selections	
10:45am - 11:00am	Sarah Henretta <i>Epithelial to Mesenchymal Transition (EMT) leads to persistent upregulation of the nuclear envelope protein, Lamin A, in human breast cancer cells</i>
11:00am - 11:15am	Kayla Haberman <i>Distinct partial EMT states dictated by chromatin looping factor CTCF</i>
11:15am - 11:30am	Pengfei Lu <i>Basal EFNA3 facilitates EMT-independent mammary epithelial migration and cancer metastasis by promoting oxidative phosphorylation in luminal cells</i>
11:30am - 11:45am	Anna Franz <i>Drosophila adipose tissue displays an apicobasal cell polarity and undergoes an epithelial-to-amoeboid transition driving cell dispersal by swimming migration</i>
11:45am - 12:00pm	Benjamin Martin <i>The role of a partial epithelial to mesenchymal transition state during neuro-mesodermal progenitor development</i>
12:00pm - 1:30pm	Lunch
Session 4: Modeling state change in EMT	
1:30pm - 2:00pm	Jinhua Xing , University of Pittsburgh <i>Data-driven mechanistic modeling of EMT regulation</i>
2:00pm - 2:30pm	Mohit Jolly , Indian Institute of Science, Bangalore <i>Epigenetic memory acquired during long-term EMT induction governs the recovery to the epithelial state</i>
Short Talk Selections	
2:30pm - 2:45pm	Tian Hong <i>A toolbox for scoring multi-context EMT from omics data</i>
2:45pm - 3:00pm	Mattie Miotto <i>Confluent to non-confluent non-equilibrium phase transitions in cell colonies</i>
3:00pm - 3:30pm	Coffee Break
3:30pm - 4:30pm	TEMTIA General Assembly
4:30pm - 6:00pm	Networking Break
6:00pm - 10:00pm	Gala Reception <i>The Collective 400 Dexter Avenue North, Seattle, WA 98109</i>

Day 4 - Friday, November 15

8:00am - 9:00am	Arrival & Breakfast
9:00am - 9:15am	Opening Remarks
Session 5: Imaging EMT: cutting-edge microscopy reveals new insight	
9:15am - 9:45am	Erica Hutchins , University of California, San Francisco <i>Spatially controlled RNA decay drives a developmental EMT program</i>
Session 6: Mesenchymal to Epithelial Transition	
9:45am - 10:15am	Kyra Campbell , The University of Sheffield <i>Drosophila midgut morphogenesis - a simplified model for studying the cellular and molecular mechanisms underlying mesenchymal-to-epithelial transitions</i>
10:15am - 10:45am	Break
10:45am - 11:15am	Kat Hadjantonakis , Memorial Sloan Kettering Cancer Center <i>Building the endoderm through widespread intercalation</i>
11:15am - 11:45am	Katja Röper , MRC-Laboratory of Molecular Biology <i>Mechanisms of human renal mesenchymal-to-epithelial transition</i>
11:45am - 12:00pm	Closing Remarks
12:00pm - 1:00pm	Lunch & Departures
1:00pm	End of TEMTIA 11