

# LINCS Project F2F Natcher Building, NIH Campus

September 19<sup>th</sup> – 20<sup>th</sup>, 2016

8:00am – 6:30pm

## September 19<sup>th</sup> Agenda – Day 1

8:00 am - 8:15 am	<b>Introduction</b> Drs. Joe Gray and Peter Sorger, Ajay Pillai and Albert Lee	Kirschstein Auditorium
8:15 am – 10:30 am	<b>Session I: Data Challenges Facing Large Projects</b>	Kirschstein Auditorium
8:15am – 8:45 am	Dr. Dinah Singer, NCI: “The Cancer Moonshot: Recommendations of the Blue Ribbon Panel”	
8:45 am – 9:15 am	Dr. Shankar Subramaniam, UCSD: Integrative Omics and Macrophage Biology	
9:15 am – 9:45 am	Dr. Avi Ma’ayan, Mount Sinai: On the ground within the NIH BD2K Program	
9:45 am – 10:15 am	Dr. Steve Finkbeiner, UCSF: Efforts to integrate cell-based imaging and OMICs: challenges and opportunities	
10:15 am – 10:30 am	<b>Wrap-up and General Discussion Questions</b>	
10:30 am – 12:00 pm	<b>Session II: LINCS Centers Introductory Talks</b> [20 minutes for each presentation] Dr. Todd Golub, Broad Institute Dr. Joe Gray, OHSU Dr. Ravi Iyengar, Mount Sinai Dr. Jake Jaffe, Broad Institute	Kirschstein Auditorium
12:00 pm – 1:00 pm	<b>Lunch</b>	On your own
1:00 pm – 2:00 pm	<b>Session II: LINCS Centers Introductory Talks</b> [20 minutes for each presentation] Dr. Mario Medvedovic, Univ of Cincinnati (for DCIC) Dr. Peter Sorger, HMS Dr. Leslie Thompson, Univ of Calif Irvine (NeuroLINCS)	Kirschstein Auditorium
2:00 pm – 2:15 pm	Break	
2:15 pm – 5:15 pm	<b>Session III: Community Outreach Session</b> <b>Accessing LINCS Data</b>	Kirschstein Auditorium
2:15 pm – 2:45 pm	<b>Lightning presentation about poster sessions</b> [4 minutes for each center’s presentations] Broad-Jaffe	Kirschstein Auditorium

	<p>Broad-Golub  DCIC-Ma'ayan  DtoxS (Mt. Sinai)-Iyengar  HMS-LINCS-Sorger  MEP-LINCS (OHSU)-Gray  NeuroLINCS (UCIrvine)-Thompson</p>	
2:45 pm – 5:15 pm	<b>Poster Session</b>	Atrium
<b>5:30 pm – 6:30 pm</b>	<b>Session IV: MCF10A Biology</b>	Kirschstein Auditorium
5:30 pm – 6:00 pm	Dr. Joan Brugge, HMS – Lessons learned from modeling morphogenesis, oncogenesis, and drug sensitivity using MCF10A cells	
6:00 pm – 6:30 pm	Dr. Sourav Bandyopadhyay, UCSF – Chemical genetic interaction maps for linking tumor mutations to therapeutics in breast cancer	

**September 20<sup>th</sup> Agenda – Day 2**

<p><b>8:00 am – 10:30 am</b></p> <p>8:00 – 8:30 am</p> <p>8:30 – 9:30 am</p> <p>9:30 – 10:45 am</p> <p>10:45 – 11:00am</p> <p>11:00 – 12:30 pm</p>	<p><b>Session IV: MCF10A Biology – continued</b></p> <ul style="list-style-type: none"> <li>• Dr. Gordon Mills: MCF10A as a sensor for drivers, neomorphs and passengers</li> <li>• Drs. Laura Heiser, Marc Birtwistle &amp; Mario Niepel: MCF10A Dose Response Assays – Inter-Center Reproducibility Experiments</li> <li>• Data Generation Update on the Common MCF10A Project: Broad-Golub, Broad-Jaffe, HMS-Sorger, OHSU-Gray</li> <li>• Break</li> <li>• Integrating MCF10A data (short 10 presentations followed by discussion) <ul style="list-style-type: none"> <li>- MCF10A interactive visualization (Katie Lin)</li> <li>- Integrating omics and imaging (Damir Sudar)</li> <li>- Integrating proteomics and transcriptomics (Simon Koplev)</li> <li>- NeuroLINCS omics integration (Ernest Fraenkel)</li> </ul> </li> </ul>	<p>Kirschstein Auditorium</p>
<p><b>12:30 – 1:00 pm</b></p>	<p><b>Gather Lunch</b></p>	
<p><b>1:00 pm – 3:00 pm</b> <b>(Parallel Sessions)</b></p>	<p><b>Session V: Working Group Meetings</b></p> <p>Session Va: NIH-ESP working lunch (closed/invitation only session) 1-2pm</p> <p>Session Vb: Proteomics Working Group 1-3pm</p> <p>Session Vc: Transcriptomics Working Group 1-3pm</p> <p>Session Vd: Imaging Commons Working Group 1-3pm</p> <p>Session Ve: Poster Session Continues 1- 3pm</p>	<p>Room D</p> <p>Rm F1/F2</p> <p>Balcony A</p> <p>Balcony C</p> <p>Atrium</p>
<p><b>MEETING ADJOURNS at 3:00pm</b></p>		