

SenNet Consortium Spring 2025 Meeting Agenda
Data Management and Analysis

April 28-29, 2025

Jackson Laboratory/University of Connecticut, Farmington, CT

Day 1 (April 28, 2025)

7:30 - 8:30 am	Registration/Check-in with Catered Full Breakfast
8:30 - 8:45 am	Greeting and Welcome from Jax CSO
8:45 - 9:00 am	SenNet Welcome and Overview (NIH)
9:00 - 10:00 am	Keynote (Christopher D. Wiley - Tufts - INVITED)
10:00 - 10:15 am	Break
10:15 - 10:30 am	Update on Senescence Markers: Bulk vs Single-Cell (Biomarkers WG Chairs / others)
10:30 - 11:15 am	Standardized Data Processing Methods (CODCC Presentation / Discussion of Lab Approaches)
11:15 am - 12:00 pm	Good Modeling Practices Presentation (Constantin / Yuval)
12:00 - 1:00 pm	Catered Lunch
1:00 - 2:00 pm	Tools Showcase I - Spatial Cell Segmentation (Simon: topic overview; panel and breakouts of SenNet-developed tools senoquant, FICTURE, Bering)
2:00 - 3:00 pm	Tools Showcase II - Single Cell Processing (TBD: topic overview; panel and breakouts of SCresolve, TBD, TBD)
3:00 - 3:15 pm	Break
3:15 - 4:15 pm	Tools Showcase III - Data Analysis Approaches (TBD: data quality, clustering, visualization breakouts)
4:15 - 4:45 pm	Discussion: Readiness for Reporting Standards
4:45 - 5:45 pm	Networking and Poster Session

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Day 2: (April 29, 2025)

7:30 - 8:30 am	Check-in/Catered Full Breakfast
8:30 - 8:45 am	Day 2 Introduction and Level set (TBD MC)
8:45 - 9:15 am	Cross-Consortium Projects Updates (Benchmarking, 5 by 5)
9:15 - 10:00 am	Senotype Discussion and Library Overview (Marissa / Jonathan / Kay)
10:00-10:15 am	Break
10:15 am -12:00 pm	Organ Group Breakouts (Specific Goals enumerated / report back - focus on dimensionality reduction / best practices - ~ 12 groups)
12:00-1:00 pm	Catered Lunch (External Program Consultants closed meeting)
1:00-2:00 pm	Working Group Breakouts (SenNet WG Chairs - Specific Goals enumerated)
2:00-2:30 pm	Translational Geroscience Network (TGN) Session
2:30-3:30 pm	Steering Committee Meeting (Includes Working Group Breakouts report back)
3:30 pm	Wrap up and Adjourn