

DREAM Single Cell Transcriptomics Challenge

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Number of Registered Participants: 408

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OVERVIEW

In this Challenge on Single-Cell Transcriptomics, participants will reconstruct the location of single cells in the Drosophila embryo using single-cell transcriptomic data. Data will be made available in late August and participating challenge teams can work on the data and submit their results previous to the DREAM Conference. The best performers will be announced at the DREAM conference on Dec 8.

WEBINAR INFORMATION

A recording of the WEBINAR for the DREAM Single Cell Transcriptomics Challenge from Sep 14, 2018 8:30 AM PDT can be found [here](#)

The slides from the webinar are available [here](#).

REFERENCE

The Drosophila embryo at single-cell transcriptome resolution (<http://science.sciencemag.org/content/358/6360/194.long>), Karaikos N, Wahle P, Alles J, Boltengagen A, Ayoub S, Kipar C, Kocks C, Rajewsky N, Zinzen RP, Science 358(6360):194-19 (2017)

Challenge Organizers / Scientific Advisory Board:

Here are the Challenge Organizers

Name	Institution	Role
Pablo Meyer (https://researcher.watson.ibm.com/researcher/view_person_pubs.php?person=us-pmeyerr&t=1)	IBM RESEARCH	Challenge Organization
Gustavo Stolovitzky (https://researcher.watson.ibm.com/researcher/view.php?person=us-gustavo)	IBM RESEARCH	Challenge Organization
Nikos Karaikos (https://www.mdc-berlin.de/)	Max Delbruck Institute	Challenge Organization
Nikolaus Rajewsky (https://www.mdc-berlin.de/)	Max Delbruck Institute	Challenge Organization
Attila Gabor (http://saezlab.org/)	Heidelberg University	Challenge Organization
Julio Saez-Rodriguez (http://saezlab.org/)	Heidelberg University	Challenge Organization
Jovan Tanevski (https://kt.ijs.si/jovan_tanevski/)	Heidelberg University	Challenge Organization
Thomas Yu (http://sagebionetworks.org/)	Sage Bionetworks	Challenge Infrastructure

Data Contributors:

Prof. Dr. Nikolaus Rajewsky, Max Delbrück Center for Molecular Medicine (<https://www.mdc-berlin.de/> (<https://www.mdc-berlin.de/>))

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