

Saturday 14th May **(all times in PT)**

Registration opens

8:00 Register by 8:40 am to receive COVID test in time for start of meeting

Welcome and overview

9:00 Welcome CAGI Organizers

Missense challenge: HMBS

9:45 Session chair Yana Bromberg
9:50 Data provider Roth group
10:05 Assessor Grishin group
10:25 Predictor Yun Song
10:35 Predictor Alexey Strokach
10:45 Discussion

Coffee break

Missense cancer challenges: MAPK1, MAPK3

11:25 Data provider Valerio Consalvi
11:40 Assessor Emidio Capriotti
11:55 Predictor Fabrizio Pucci
12:05 Predictor Emil Alexov
12:15 Discussion

Lunch

Missense challenge: Calmodulin

13:25 Session chair Yana Bromberg
13:30 Data provider Giuditta Dal Cortivo
13:45 Assessor Emidio Capriotti
14:00 Predictor Carlos Rodrigues
14:10 Predictor Yang Shen
14:20 Discussion

Abstract talks - part 1

14:30 Gabriel Cia, Giulia Babbi, Nurdan Kuru, Céline Marquet

Tea break

Abstract talks - part 2

15:40 Muttaqi Alladin, Shen group, Milind Jagota

Discussion of missense prediction methods and challenges

16:05 Discussion All attendees

CAGI data for benchmarks discussion

16:35 Discussion All attendees

Cocktail reception

Sunday 15th May (all times in PT)

Registration opens

8:00

Welcome

9:00 Welcome

CAGI Organizers

Polygenic Risk Score challenge

9:15 Session chair

9:20 Data provider & assessor

Sung Chun, Shamil Sunyaev

9:50 Predictor

Doug Speed

10:00 Predictor

Zhao group

10:10 Discussion

Coffee break

Clinical challenge: SickKids

11:20 Session chair

Alex Colavin

11:25 Data provider & assessor

Kyoko Yuki, Huayun Hu

11:55 Predictor

Kyoungyeul Lee

12:05 Predictor

Vicente Yopez

12:15 Discussion

Lunch

Clinical challenge: Rare Genomes Project

13:25 Data provider & assessor

Sarah Stenton, Anne O'Donnell-Luria

13:55 Predictor

Panos Katsonis

14:05 Predictor

Susanna Zucca, Ivan Limongelli

14:15 Predictor

Jules Jacobsen

14:25 Discussion

The CAGI Ethics Forum

14:35 Ethics Forum leader

Malia Fullerton

15:05 Discussion

Tea break

CAGI & clinical recommendations

16:00 Introduction

Steven Brenner

16:10 Evidence-based calibration of computational tools for the clinical classification of missense variants

Vikas Pejaver

16:35 Review of the first decade of CAGI

Pedja Radivojac

17:00 Discussion

CAGI6 feedback, leads and ideas for CAGI 7

17:10 Discussion

All participants

Assessor office hour (HMBS, PRS, RGP)

17:30

Monday 16th May
(all times in PT)

Registration opens

8:00

Welcome

9:00 Welcome

CAGI Organizers

Clinical challenges: ID panel

9:10 Session chair

9:15 Data provider & assessor

Emanuela Leonardi

9:45 Predictor

Raj Srinivasan

9:55 Predictor

Yexian Zhang

10:05 Discussion

Coffee break

Splicing challenge

10:45 Data provider & assessor

Carolina Jaramillo Oquendo,

Diana Baralle

11:15 Predictor

Raphael Leman

11:25 Predictor

Yaqiong Wang

11:35 Predictor

Steve Mount

11:45 Discussion

Abstract talks - part 3

12:00 Brynja Matthíasardóttir, Yixuan Ye, Azza Althagafi, Chi Zhang

Lunch

Keynote lecture

13:30 Deep learning oracles for genomic discovery

Anshul Kundaje

Clinical challenge: Sherlock

14:20 Data provider & assessor

Rachel Hovde, Peter Combs

14:50 Predictor

Ken Chen

15:00 Predictor

Joe Wu

15:10 Discussion

Discussion of clinical prediction methods and challenges

15:20

All attendees

Closing remarks

15:50 CAGI organizers