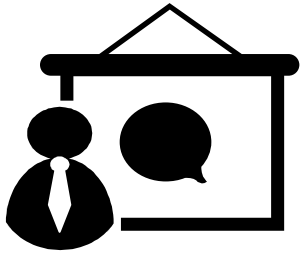
Welcome to the

2020 IEDB Virtual User Workshop – Day 1

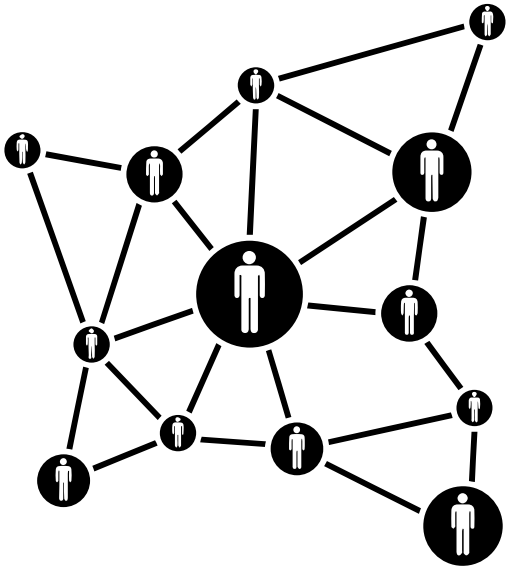
Thursday, November 5, 2020

Annual IEDB User Workshop – Why?

2 Day Event

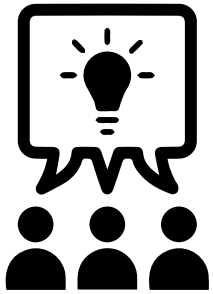


IEDB and Tools overview with detailed research examples

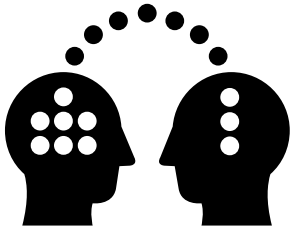


Engage with global user community

Answer user questions to facilitate learning



Improve our resources through user feedback



Share ideas to further scientific research

We've gone from this…

To this…

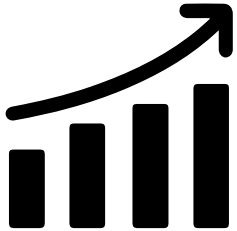

Zoom Meeting
Audio only
With video


@alrightmom
My toddler
My 6 yo
Me in a zoom meeting

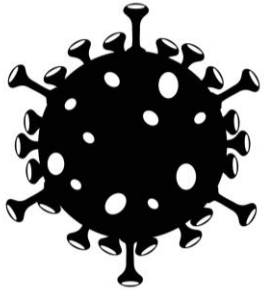

OK, I'M READY
FOR MY ZOOM MEETING
imgflip.com

New challenges create new opportunities!

Completely virtual from the comfort of your own home



Registered and approved over 160 attendees – our largest workshop ever!



New presentation topics on the novel coronavirus

ENGAGE | ENJOY | LEARN

Who You'll Hear From

IMMUNE EPITOPE DATABASE AND ANALYSIS RESOURCE

Dr. Alessandro Sette
Principal Investigator

Dr. Bjoern Peters
Co-Principal Investigator

Dr. Randi Vita
Lead Ontology & Quality Manager

Dr. Alba Grifoni
LJI Research Faculty/Instructor

Dr. Jason Greenbaum
Bioinformatics Core Director

Dr. William Chronister
Bioinformatics Postdoctoral Researcher

Austin Crinklaw
Tools Research Technician

Dr. Paolo Marcatili
DTU Associate Professor

DTU

Who You'll Hear From

Dr. Bette Korber
Laboratory Fellow

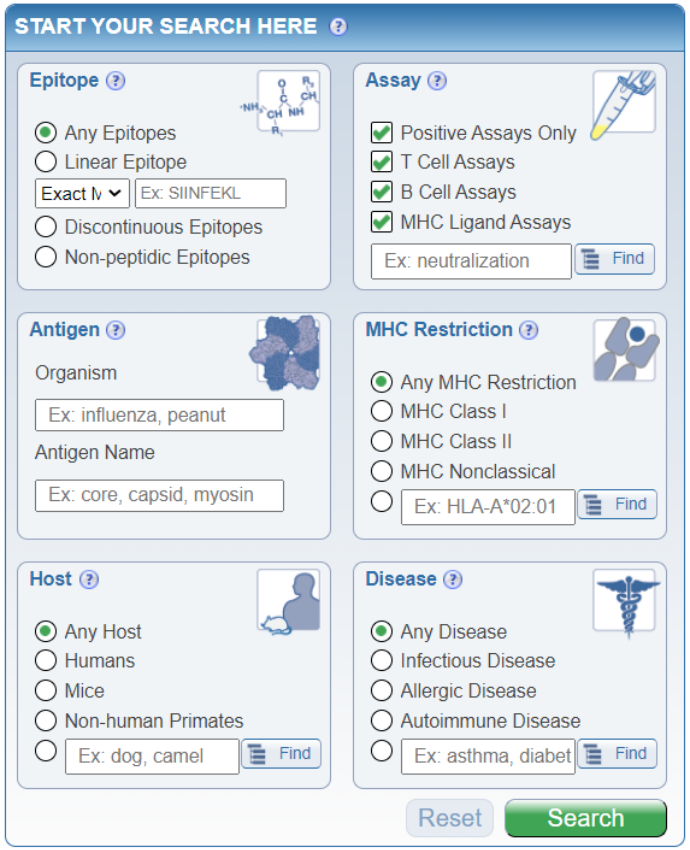
Dr. Will Fischer
Staff Scientist

Dr. Brian Foley
Research Scientist

Dr. Elizabeth-Sharon Fung
Annotator, Editor

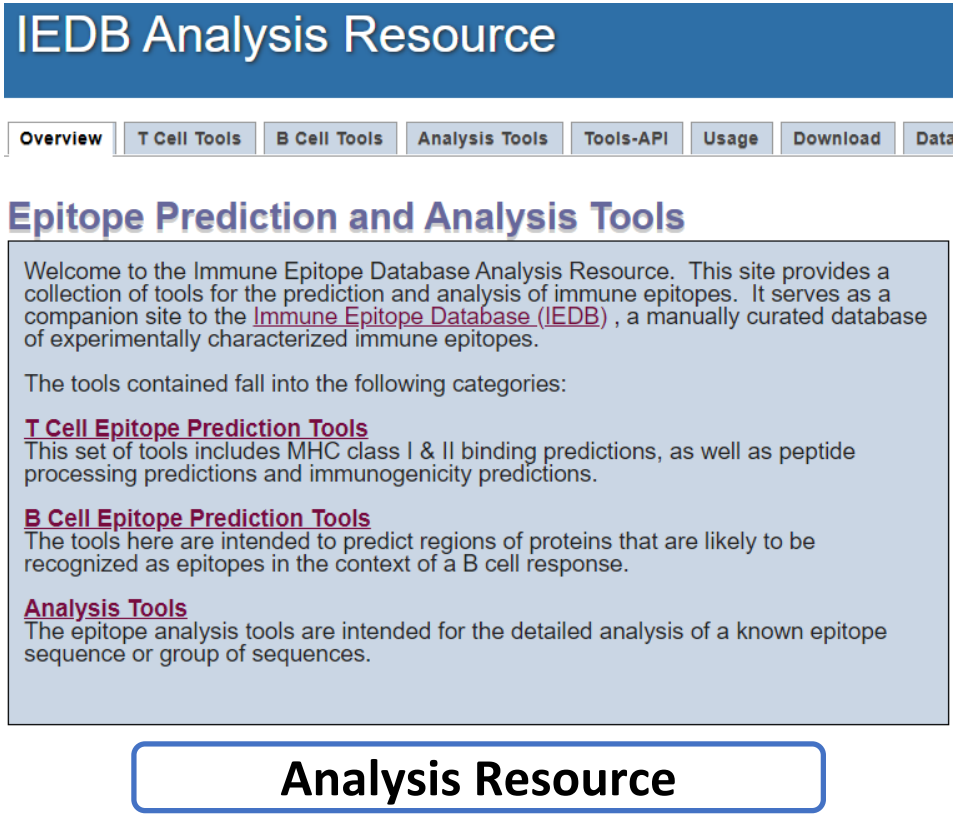
User Workshop Structure

Day 1



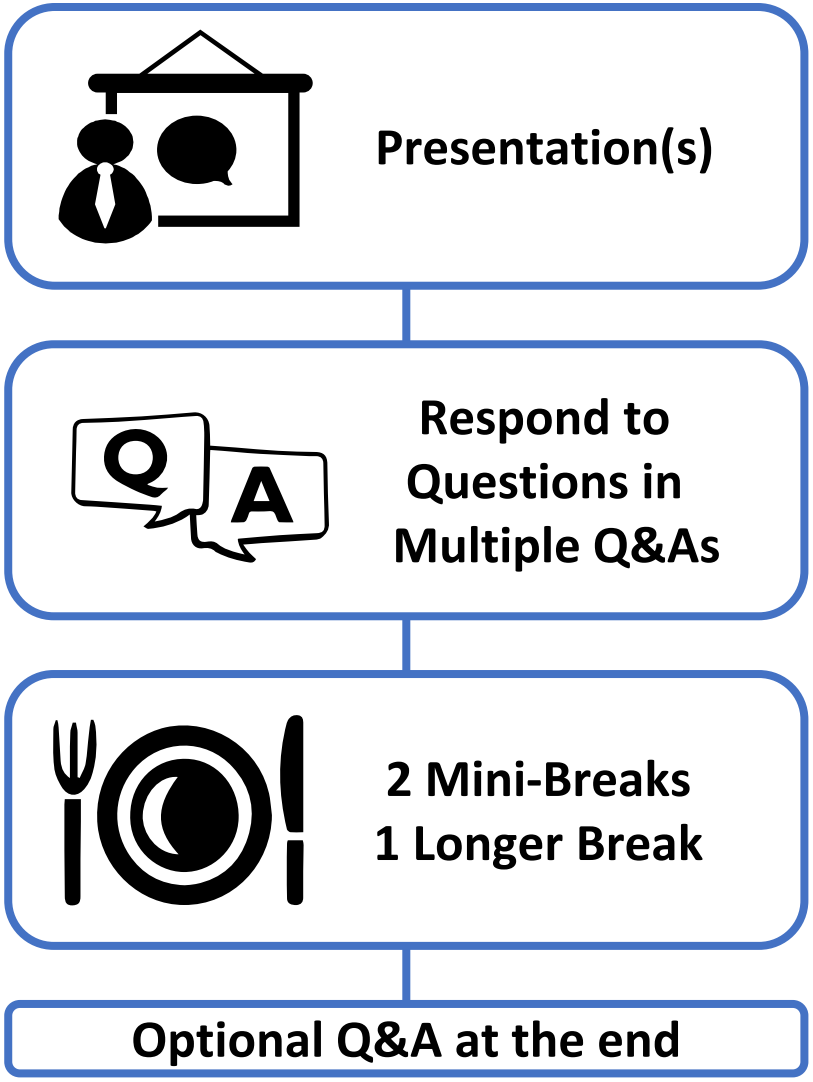
Process Overview and Database

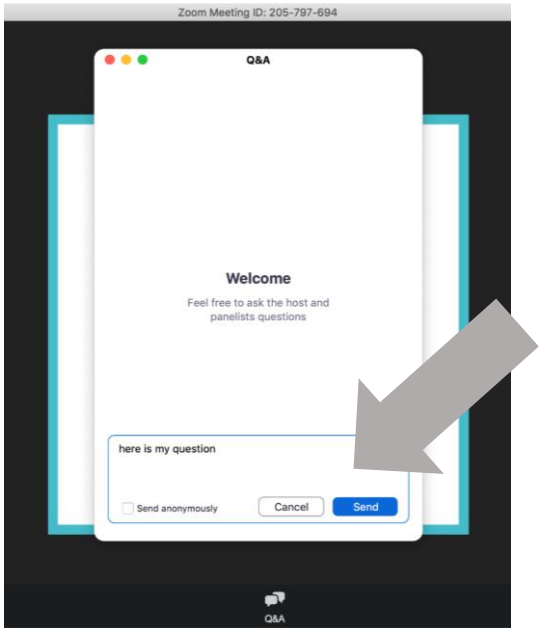
Day 2



Analysis Resource

User Workshop Structure





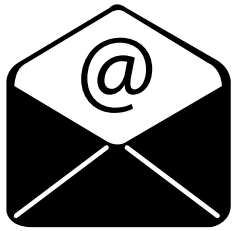
Agenda – Day 1

Start Time	End Time	Topic	Speaker
08:00	**08:15**	Welcome	Nina Blazeska *IEDB Project Manager*
08:15	**08:35**	Database Overview	Alessandro Sette *IEDB Principal Investigator*
08:35	**09:05**	How Data are Retrieved, Entered, and Organized	Randi Vita *Lead Ontology and Quality Manager*
09:05	**09:15**	Section 1: Q&A	
09:15	**09:30**	**Break**	
09:30	**10:30**	Accessing the Data: Query, Reporting and Examples	Randi Vita *Lead Ontology and Quality Manager*
10:30	**10:40**	Section 2: Q&A	
10:40	**11:10**	NIH Resources for Researchers: COVID Pipeline	Bette Korber & Will Fischer *Los Alamos National Laboratory*
11:10	**11:20**	Section 3: Q&A	
11:20	**11:45**	**Break**	

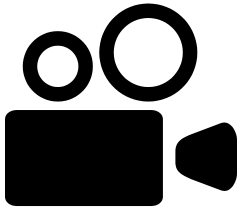
Agenda – Day 1

Start Time	End Time	Topic	Speaker
11:20	**11:45**	**Break**	
11:45	**12:15**	Analysis Resource Overview	Bjoern Peters *IEDB Co-Principal Investigator*
12:15	**12:45**	Analysis Tools	Alessandro Sette *IEDB Principal Investigator*
12:45	**13:00**	Using the IEDB and Analysis Resource for Identifying Candidates in SARS-CoV-2	Alba Grifoni *LJI Research Faculty/Instructor*
13:00	**13:15**	Section 4: Q&A	
13:15	**13:30**	Closing Remarks & Feedback Survey	Nina Blazeska *IEDB Project Manager*
13:30	**14:00**	**Optional Q&A Session** This will be to answer any remaining questions from the day	

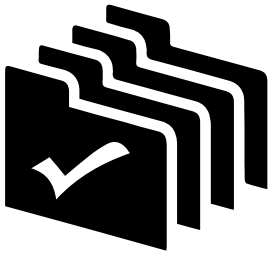
Other Event Logistics



You will receive a post-event email next week



Workshop recording will be shared with you

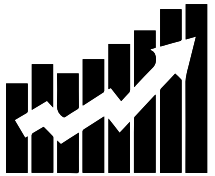


All presentations will be shared with you

Participation certificates will be provided

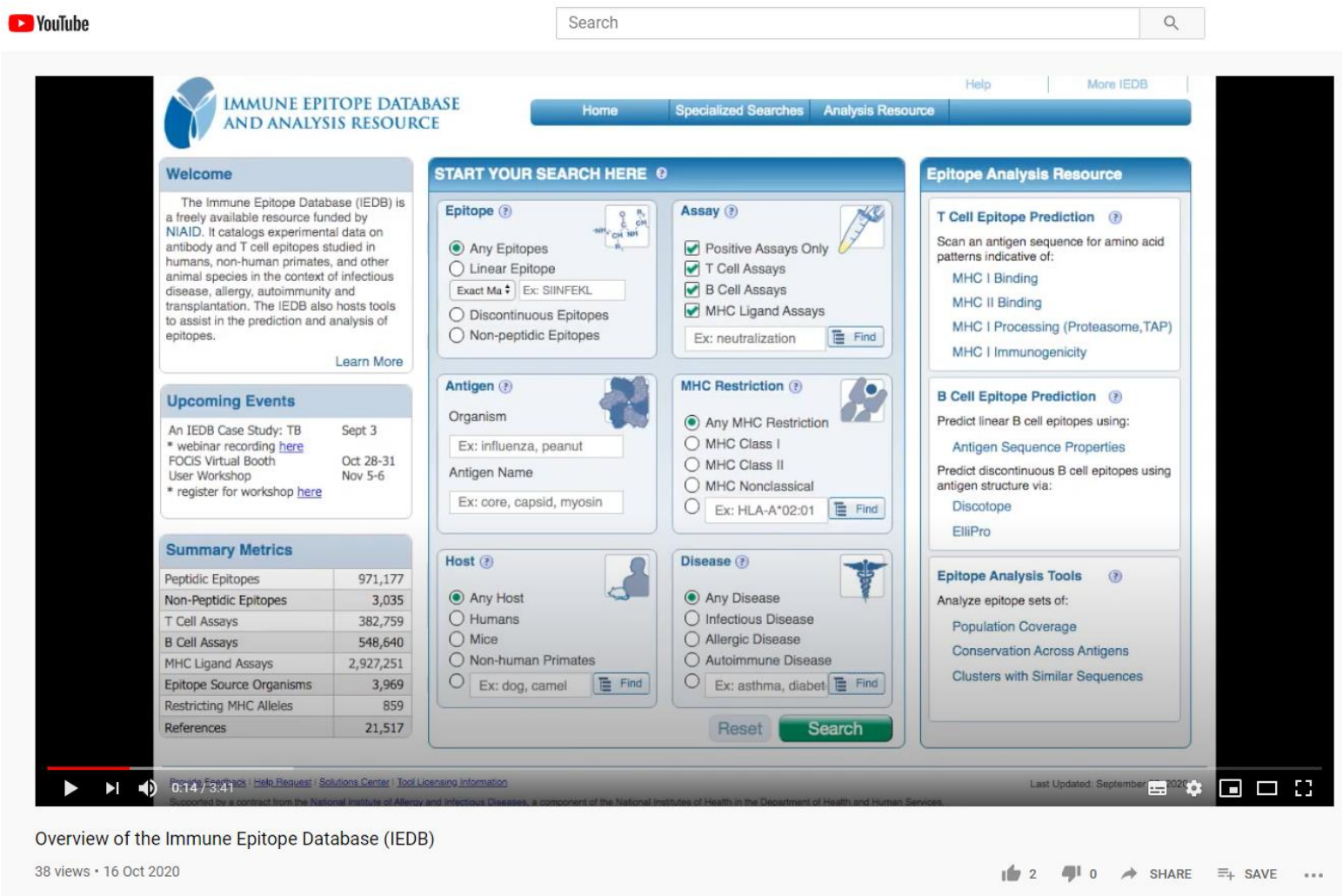
SurveyMonkey

Daily and post-event feedback survey



Be aware of IEDB slowness due to increased traffic

Overview of the IEDB



https://youtu.be/JRoWhD3I8ko

Without further ado…

Dr. Alessandro Sette
Principal Investigator

Database Overview