# Welcome to the

# 2022 IEDB Virtual User Workshop – Day 1

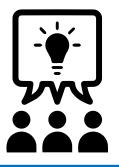
Wednesday, October 26, 2022

#### **Annual IEDB User Workshop – Why?**

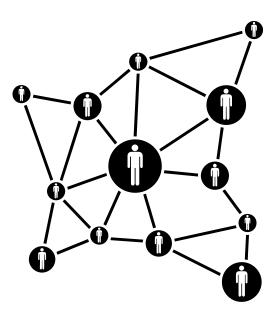
#### **3 Day Event**



IEDB and tools overview with research examples and specialized topics



Improve our resources through user feedback



Engage with global user community



Answer user questions to facilitate learning



Share ideas to further scientific research



# We've gone from this...

IMMUNE EPITOPE DATABASE AND ANALYSIS RESOURCE





# To this...



2020



#### 2021



2022 IEDB User Workshop

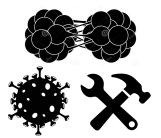
#### New challenges create new opportunities!



Completely virtual from the comfort of your own home



Registered and approved over 550 attendees – our largest workshop ever!



New presentation topics on novel research and new tools

### ENGAGE | ENJOY | LEARN

#### Who You'll Hear From





Dr. Alessandro Sette Principal Investigator

**Dr. Bjoern Peters** *Co-Principal Investigator* 



**Dr. Randi Vita** Lead Ontology & Quality Manager



Dr. Sidne Fitzpatrick Scientific Curator



Kelly Wheeler Senior Software Engineer



**Dr. Alba Grifoni** LJI Research Faculty/Instructor



Dr. Zeynep Koşaloğlu-Yalçın Instructor

#### Who You'll Hear From





**Dr. Raphael Trevizani** Bioinformatics Postdoctoral Researcher



**Dr. Mahita Jarjapu** Bioinformatics Postdoctoral Researcher



**Daniel Marrama** *Bioinformatics Research Technician* 



**Dr. Jason Greenbaum** *Bioinformatics Core Director* 



**Dr. Marcus Mendes** Bioinformatics Postdoctoral Researcher



#### Who You'll Hear From



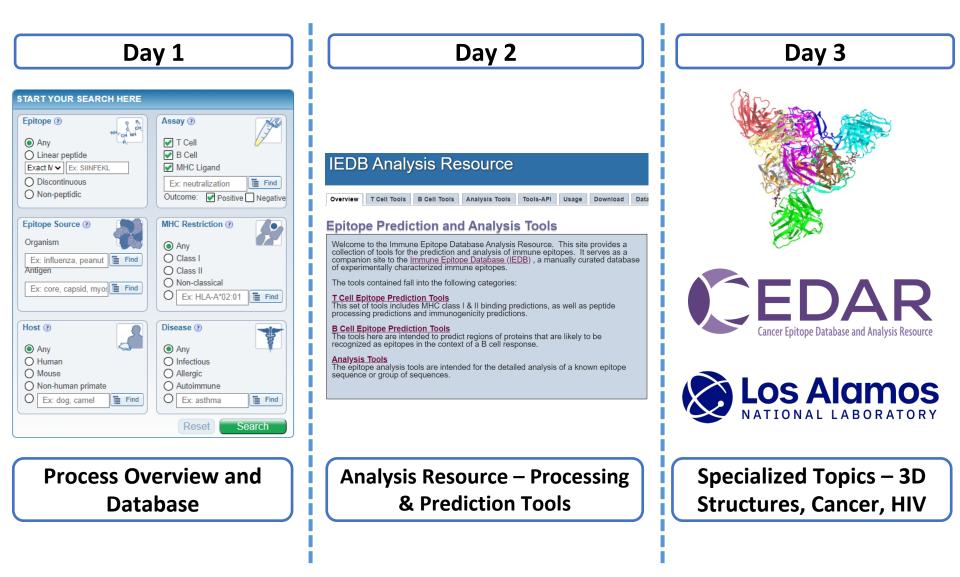


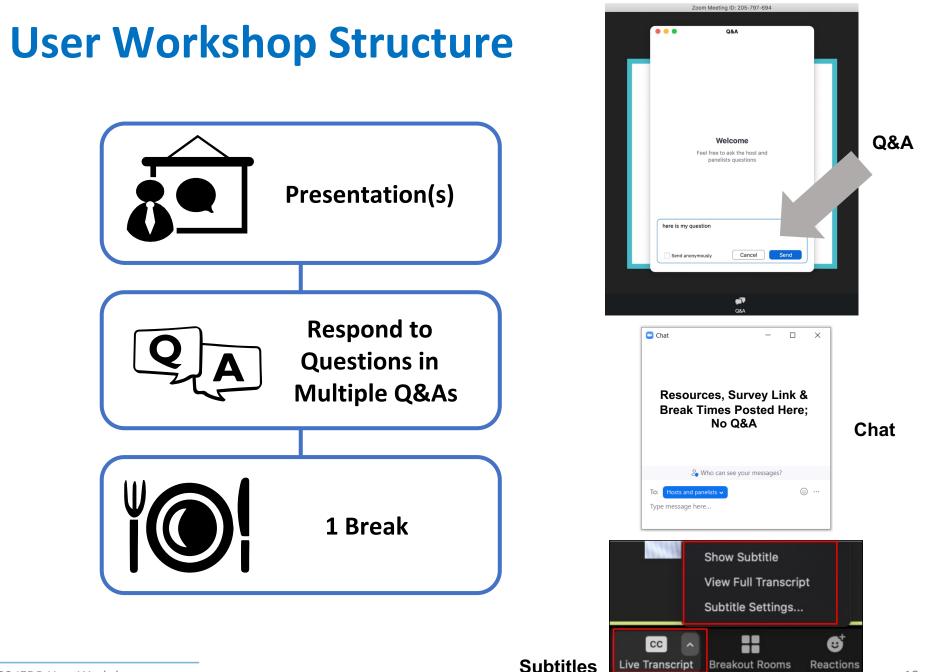
Dr. Elizabeth-Sharon Fung Annotator, Editor



Jennifer Macke Research Technologist

#### **User Workshop Structure**





2022 IEDB User Workshop

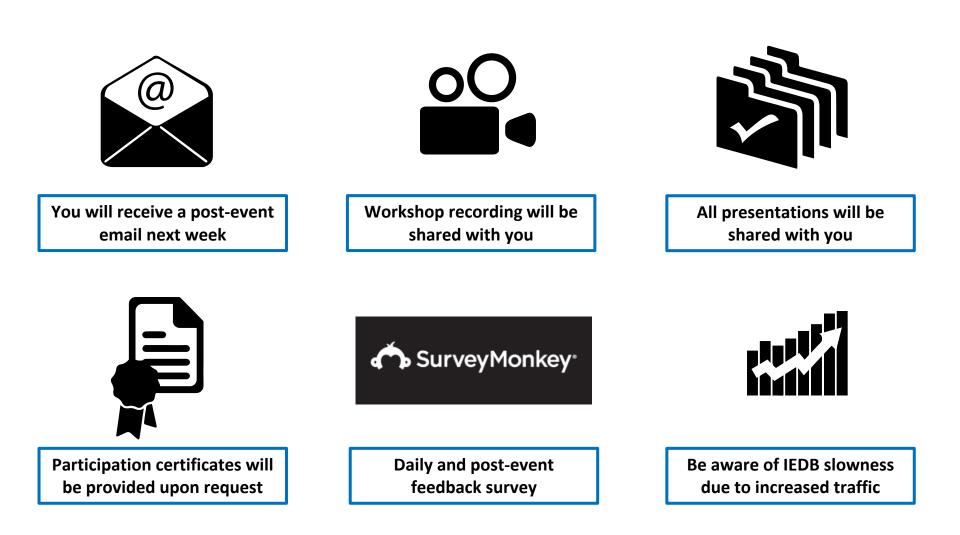
# Agenda – Day 1

Start Time	End Time	Торіс	Speaker
08:00	08:10	Welcome	Nina Blazeska IEDB Project Manager
08:10	08:40	Database Overview	Alessandro Sette IEDB Principal Investigator
08:40	09:00	Analysis Resource Overview	Bjoern Peters IEDB Co-Principal Investigator
09:00	09:15	Section 1: Q&A with Drs. Sette and Peters	
09:15	09:45	Accessing the Data: Query, Reporting and Examples	Randi Vita <i>Lead Ontology and Quality Manager</i> Sidne Fitzpatrick <i>Scientific Curator</i>
09:45	10:00	New Database Features - Custom Exports	Kelly Wheeler Leidos Senior Software Engineer
10:00	10:15	Section 2: Q&A with Drs. Vita, Fitzpatrick and Wheeler	

# Agenda – Day 1

Start Time	End Time	Торіс	Speaker	
10:15	10:40	Break		
10:40	11:05	Using the IEDB in your Research: Orthopox & SARS- CoV-2 Examples	Alba Grifoni LJI Research Faculty/Instructor	
11:05	11:35	Analysis Tools	Alessandro Sette IEDB Principal Investigator	
11:35	11:50	Section 3: Q&A with Drs. Grifoni and Sette		
11:50	12:00	Closing Remarks & Feedback Survey	Nina Blazeska IEDB Project Manager	
	12:00	End of Session		

# **Other Event Logistics**





# #iedbuw2022

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2022 IEDB User Workshop

### Without further ado...



Dr. Alessandro Sette Principal Investigator

#### **Database Overview**