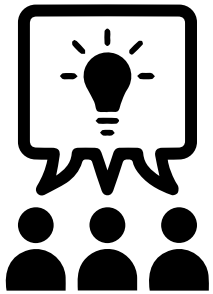
Closing Remarks & Survey

2020 IEDB Virtual User Workshop – Day 1

Thursday, November 5, 2020

We want to hear from you!



Improve our resources through user feedback

SurveyMonkey

Daily and post-event feedback survey

Chat

https://www.surveymonkey.com/r/YLZMS9B

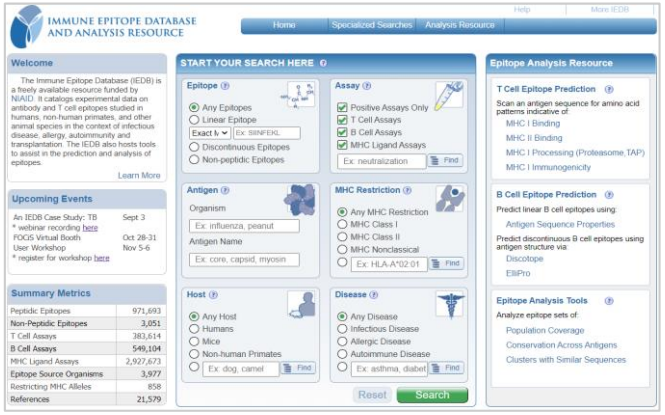
Please take some time to complete the survey now

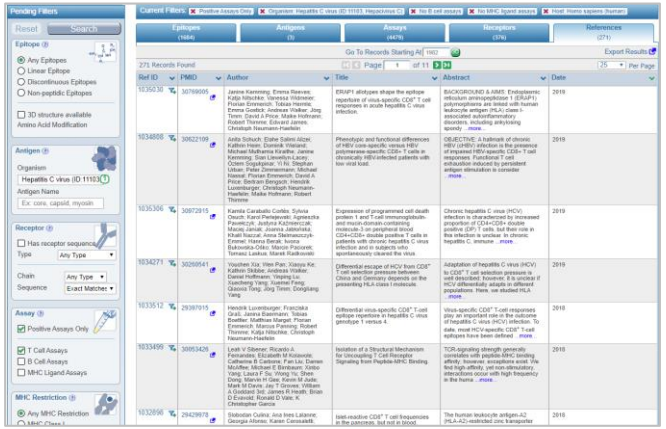
Recap of Day 1

IMMUNE EPITOPE DATABASE AND ANALYSIS RESOURCE

Database Overview

Dr. Alessandro Sette
Principal Investigator



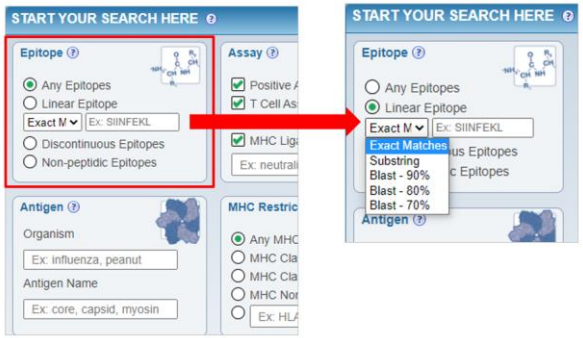


Recap of Day 1

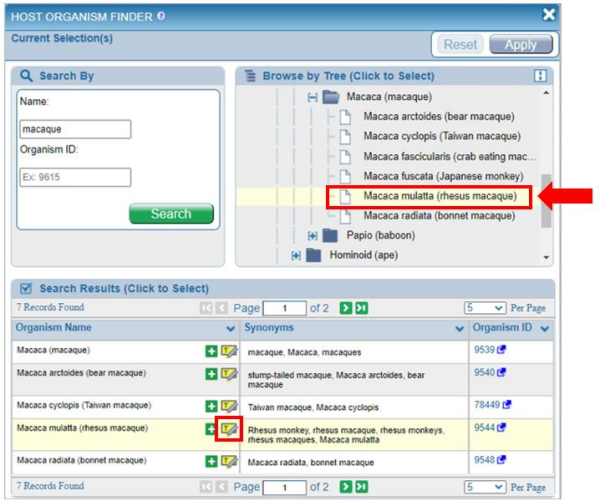
IMMUNE EPITOPE DATABASE AND ANALYSIS RESOURCE

How Data are Retrieved, Entered, Organized, and Accessing the Data

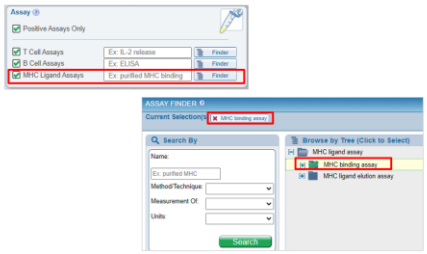
Epitope Search Pane



Dr. Randi Vita
Lead Ontology & Quality Manager



User Query: How can we search or analyze the allergen peptides binding to MHC class I or class II molecules?



User Query: Full analysis of Ebola virus

Recap of Day 1

A resource for SARS-CoV-2 mutation tracking and analysis: The LANL/GISAID COVID pipeline

Dr. Bette Korber
Laboratory Fellow

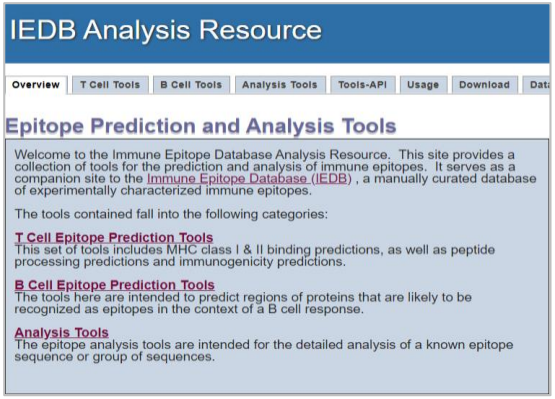
Dr. Will Fischer
Staff Scientist

Recap of Day 1

IMMUNE EPITOPE DATABASE AND ANALYSIS RESOURCE

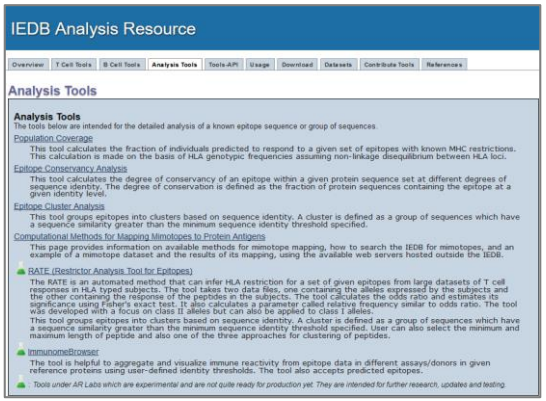
Analysis Resource Overview

Dr. Bjoern Peters
Co-Principal Investigator



Analysis Tools

Dr. Alessandro Sette
Principal Investigator



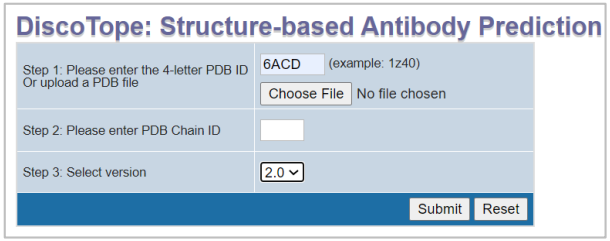
Recap of Day 1

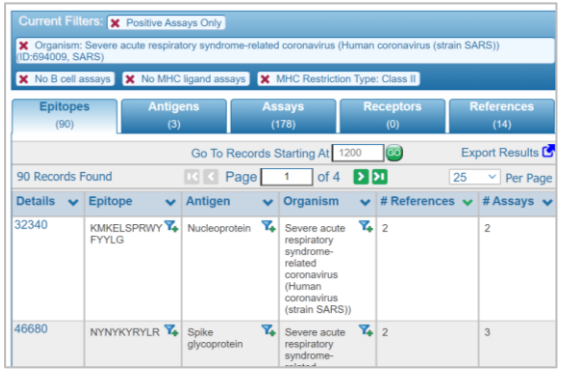
IMMUNE EPITOPE DATABASE AND ANALYSIS RESOURCE

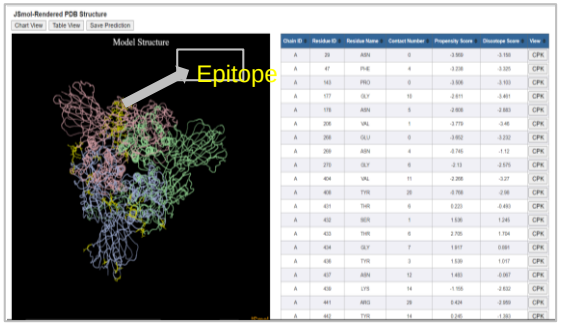
Using the IEDB-AR to Identify Candidates in SARS-CoV-2

Dr. Alba Grifoni

LJI Research Faculty/Instructor

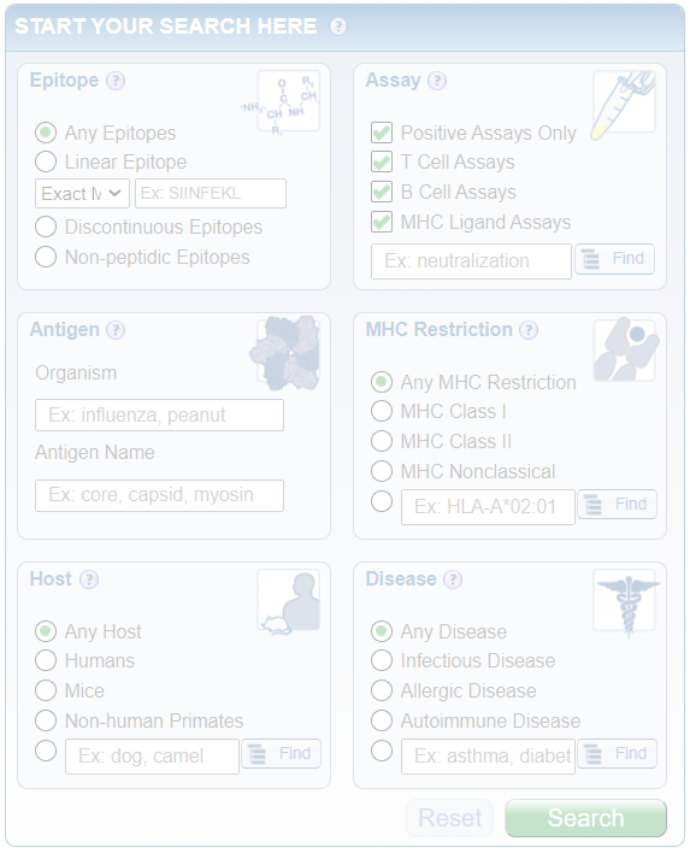






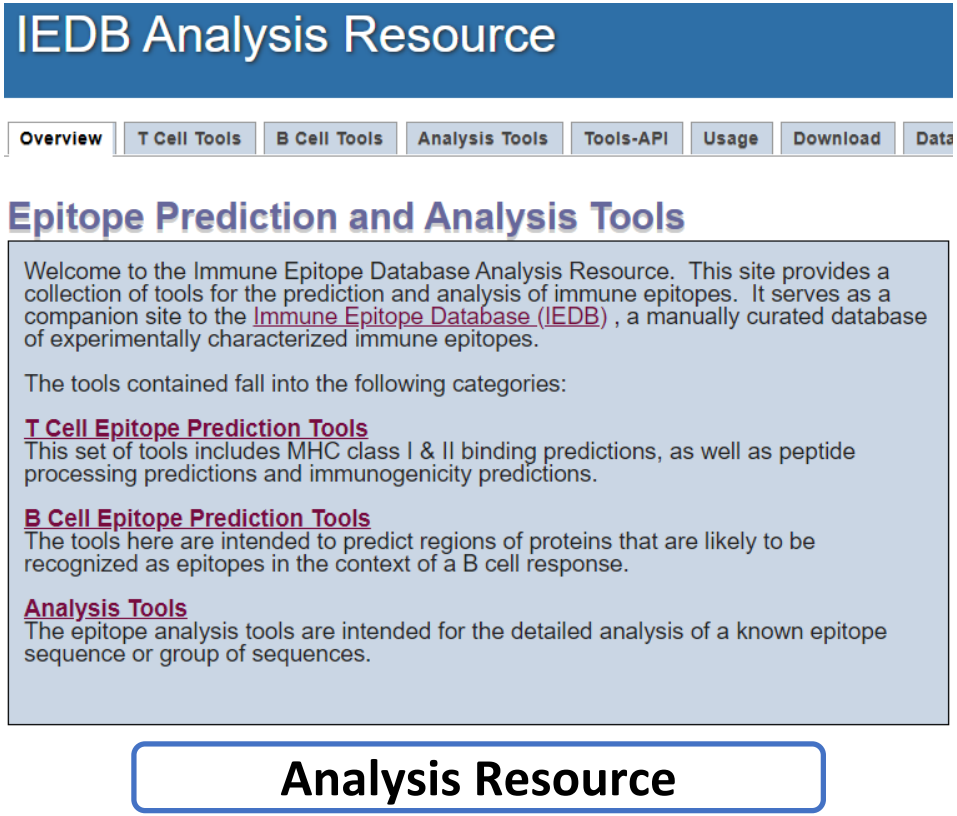
User Workshop Structure

Day 1



Process Overview and Database

Day 2



Analysis Resource

Preview of Day 2

Start Time	End Time	Topic	Speaker
08:00	**08:05**	Welcome	Nina Blazeska *IEDB Project Manager*
08:05	**09:05**	MHC Binding Predictions	Bjoern Peters *IEDB Co-Principal Investigator*
09:05	**09:20**	Section 1: Q&A	
09:20	**09:30**	**Break**	
09:30	**10:00**	T Cell Processing & Immunogenicity Predictions	Bjoern Peters *IEDB Co-Principal Investigator* Austin Crinklaw *Tools Research Technician*
10:00	**10:15**	T Cell Tool Spotlight: TCRMatch	Will Chronister *Bioinformatics Postdoctoral Researcher*
10:15	**10:45**	Structure Tools: LYRA & SCEptRe	Paolo Marcatili *DTU Associate Professor*
10:45	**11:00**	Section 2: Q&A	
11:00	**11:30**	**Break**	

Preview of Day 2

Start Time	End Time	Topic	Speaker
11:00	**11:30**	**Break**	
11:30	**12:00**	NIH Resources for Researchers: HIV Sequence & Immunology Databases	Brian Foley & Elizabeth-Sharon Fung Los Alamos National Laboratory
12:00	**12:10**	Section 3: Q&A	
12:10	**12:55**	B Cell Epitope Prediction	Bjoern Peters IEDB Co-Principal Investigator
12:55	**13:10**	IEDB Tools 3.0: Future of Tools	Jason Greenbaum Bioinformatics Core Director
13:10	**13:20**	Section 4: Q&A	
13:20	**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	

Optional Q&A

This will be to answer any remaining questions from the day