

2021 Immune Epitope Database Virtual User Workshop

28 - 29 October 2021 | Via Zoom

DAY 1: Thursday, October 28

All times are stated as U.S. Pacific Time

Session	Start Time	End Time	Topic	Speaker
1.0	08:00	08:15	Welcome	Nina Blazeska <i>IEDB Project Manager</i>
1.1	08:15	08:45	Database Overview	Alessandro Sette <i>IEDB Principal Investigator</i>
1.2	08:45	09:15	Accessing the Data: Query, Reporting and Examples	Randi Vita <i>Lead Ontology and Quality Manager</i>
--	09:15	09:30	<u>Section 1:</u> Q&A with Drs. Sette and Vita	
--	09:30	09:45	Break	
1.3	09:45	10:05	SARS-CoV-2 and the ImmunomeBrowser	Alba Grifoni <i>LJI Research Faculty/Instructor</i>
1.4	10:05	10:25	New Database Features - Query API & Custom Exports	Jason Greenbaum <i>Bioinformatics Core Director</i> Kelly Wheeler <i>Leidos Senior Software Engineer</i>
	10:25	10:35	<u>Section 2:</u> Q&A with Drs. Grifoni, Greenbaum & Wheeler	
1.5	10:35	11:05	NIH Resources for Researchers: The LANL HIV Sequence Database	Brian Foley <i>Los Alamos National Laboratory</i>
--	11:05	11:15	<u>Section 3:</u> Q&A with Drs. Foley and Fung	
--	11:15	11:45	Break	
1.6	11:45	12:00	The Cancer Epitope Database and Analysis Resource (CEDAR)	Zeynep Koşaloğlu-Yalçın <i>Instructor Cancer Bioinformatics</i>
1.7	12:00	12:30	Analysis Resource Overview	Bjoern Peters <i>IEDB Co-Principal Investigator</i>
1.8	12:30	13:00	Analysis Tools	Alessandro Sette <i>IEDB Principal Investigator</i>
--	13:00	13:15	<u>Section 4:</u> Q&A with Drs. Koşaloğlu-Yalçın, Peters and Sette	
1.9	13:15	13:30	Closing Remarks & Feedback Survey	Nina Blazeska <i>IEDB Project Manager</i>
--	13:30	14:00	Optional Q&A Session This will be to answer any remaining questions from the day	
--		14:00	End of Session	

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DAY 2: Friday, October 29

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Session	Start Time	End Time	Topic	Speaker
2.0	08:00	08:05	Welcome	Nina Blazeska <i>IEDB Project Manager</i>
2.1	08:05	08:50	MHC Binding Predictions	Raphael Trevizani <i>Bioinformatics Postdoctoral Researcher</i> Bjoern Peters <i>IEDB Co-Principal Investigator</i>
2.2	08:50	09:20	T Cell Processing & Immunogenicity Predictions	Austin Crinklaw <i>Bioinformatics Research Technician</i> Bjoern Peters <i>IEDB Co-Principal Investigator</i>
--	09:20	09:35	<u>Section 1</u> : Q&A with Drs. Trevizani, Peters and Crinklaw	
--	09:35	09:45	Break	
2.3	09:45	10:00	T Cell Tool Spotlight: TCRMatch	Will Chronister <i>Bioinformatics Postdoctoral Researcher</i>
2.4	10:00	10:30	Structure Tools: LYRA & SCEptRe	Paolo Marcatili <i>DTU Associate Professor</i>
2.5	10:30	10:45	PEPMatch: Homology of SARS-CoV-2 Spike Sequences to Myocarditis Antigens	Daniel Marrama <i>Bioinformatics Research Technician</i>
--	10:45	11:00	<u>Section 2</u> : Q&A with Drs. Chronister, Marcatili, Peters and Marrama	
--	11:00	11:30	Break	
2.6	11:30	12:00	NIH Resources for Researchers: The LANL HIV Immunology Database	Elizabeth-Sharon Fung <i>Los Alamos National Laboratory</i>
--	12:00	12:10	<u>Section 3</u> : Q&A with Dr. Fung	
2.7	12:10	12:45	B Cell Epitope Prediction	Marcus Mendes <i>Bioinformatics Postdoctoral Researcher</i>
2.8	12:45	13:05	IEDB Tools 3.0: Future of Tools	Jason Greenbaum <i>Bioinformatics Core Director</i>
--	13:05	13:20	<u>Section 4</u> : Q&A with Drs. Mendes and Greenbaum	
2.9	13:20	13:30	Closing Remarks & Feedback Survey	Nina Blazeska <i>IEDB Project Manager</i>
--	13:30	14:00	Optional Q&A Session This will be to answer any remaining questions from the day	
--		14:00	End of Session	