

2022 Immune Epitope Database (IEDB) Virtual User Workshop

26 - 28 October 2022 | Via Zoom Webinar

DAY 1: Wednesday, October 26

All times are stated as U.S. Pacific Time

Session	Start Time	End Time	Topic	Speaker
1.0	08:00	08:10	Welcome	Nina Blazeska <i>IEDB Project Manager</i>
1.1	08:10	08:40	Database Overview	Alessandro Sette <i>IEDB Principal Investigator</i>
1.2	08:40	09:00	Analysis Resource Overview	Bjoern Peters <i>IEDB Co-Principal Investigator</i>
--	09:00	09:15	<u>Section 1</u> : Q&A with Drs. Sette and Peters	
1.3	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>
1.4	09:45	10:00	New Database Features - Custom Exports	Kelly Wheeler <i>Leidos Senior Software Engineer</i>
--	10:00	10:15	<u>Section 2</u> : Q&A with Drs. Vita, Fitzpatrick and Wheeler	
--	10:15	10:40	Break	
1.5	10:40	11:05	Using the IEDB in your Research: Orthopox & SARS-CoV-2 Examples	Alba Grifoni <i>LJI Research Faculty/Instructor</i>
1.6	11:05	11:35	Analysis Tools	Alessandro Sette <i>IEDB Principal Investigator</i>
--	11:35	11:50	<u>Section 3</u> : Q&A with Drs. Grifoni and Sette	
1.7	11:50	12:00	Closing Remarks & Feedback Survey	Nina Blazeska <i>IEDB Project Manager</i>
--		12:00	End of Session	

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DAY 2: Thursday, October 27

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Session	Start Time	End Time	Topic	Speaker
2.0	08:00	08:15	Welcome & Analysis Resource Overview	Nina Blazeska <i>IEDB Project Manager</i>
2.1	08:15	08:45	MHC Binding Predictions	Raphael Trevizani <i>Bioinformatics Postdoctoral Researcher</i>
2.2	08:45	09:05	T Cell Processing & Immunogenicity Predictions	Bjoern Peters <i>IEDB Co-Principal Investigator</i>
--	09:05	09:20	<u>Section 1:</u> Q&A with Drs. Trevizani and Peters	
2.3	09:20	09:40	PEPMatch	Daniel Marrama <i>Bioinformatics Research Technician</i>
2.4	09:40	10:00	TCRMatch	Raphael Trevizani <i>Bioinformatics Postdoctoral Researcher</i>
--	10:00	10:10	<u>Section 2:</u> Q&A with Drs. Marrama and Trevizani	
--	10:10	10:35	Break	
2.5	10:35	11:05	B Cell Epitope Prediction	Mahita Jarjapu <i>Bioinformatics Postdoctoral Researcher</i>
2.6	11:05	11:35	IEDB Tools 3.0: Future of Tools	Jason Greenbaum <i>Bioinformatics Core Director</i>
--	11:35	11:50	<u>Section 3:</u> Q&A with Drs. Jarjapu and Greenbaum	
2.7	11:50	12:00	Closing Remarks & Feedback Survey	Nina Blazeska <i>IEDB Project Manager</i>
--		12:00	End of Session	

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DAY 3: Friday, October 28

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Session	Start Time	End Time	Topic	Speaker
3.0	08:00	08:05	Welcome	Nina Blazeska <i>IEDB Project Manager</i>
3.1	08:05	08:30	IEDB-3D 2.0: Visualizing Structures in the IEDB	Marcus Mendes <i>Bioinformatics Postdoctoral Researcher</i>
3.2	08:30	09:00	Structure Tools: LYRA & SCEptRe	Paolo Marcatili (Recording) <i>DTU Associate Professor</i>
--	09:00	09:15	<u>Section 1</u> : Q&A with Drs. Mendes and Peters (in lieu of Dr. Marcatili)	
3.3	09:15	09:35	IEDB Query API (IQ-API)	Jason Greenbaum <i>Bioinformatics Core Director</i>
3.4	09:35	10:05	NIH Resources for Researchers: The LANL HIV Databases	Elizabeth-Sharon Fung <i>Los Alamos National Laboratory</i> Jennifer Macke <i>Los Alamos National Laboratory</i>
--	10:05	10:20	<u>Section 2</u> : Q&A with Drs. Greenbaum, Fung and Macke	
--	10:20	10:45	Break	
3.5	10:45	11:15	The Cancer Epitope Database and Analysis Resource (CEDAR)	Zeynep Koşaloğlu-Yalçın <i>Instructor Cancer Bioinformatics</i>
3.6	11:15	11:35	CEDAR Prostate Cancer Meta-analysis	Alessandro Sette <i>IEDB Principal Investigator</i>
--	11:35	11:50	<u>Section 3</u> : Q&A with Drs. Koşaloğlu-Yalçın & Sette	
3.7	11:50	12:00	Closing Remarks & Feedback Survey	Nina Blazeska <i>IEDB Project Manager</i>
--		12:00	End of Session	