

VDOS-2026: International Workshop on Vaccine and Drug Ontology Studies

Program — Time zone: Eastern Daylight Time (EDT)

Date: Thursday, July 16, 2026

Time: 2:30 PM – 6:00 PM EDT (Half-day)

Venue: Washington Hilton, Washington, D.C. (co-located with ICBO 2026 and ISMB 2026)

Allocated time (each including Q&A): 25 minutes for full papers, 15 minutes for short papers, and 10 minutes for abstracts.

TIME	PRESENTER	TITLE
2:30 PM	Yongqun He (University of Michigan)	Opening Remarks
Session 1 — Ontology Platforms & Knowledge Engineering (Moderator: Yongqun He)		
2:35 PM	Büşra Oğuzoğlu (Boğaziçi University)	Enhancing Annotation Reliability for Protein-Protein Interactions: An Iterative Approach (<i>Short Paper</i>)
2:50 PM	Sayed Asaduzzaman (University of North Dakota)	Ignet 2.0 and Vignet: An Ontology-Driven Web Platform for Biomedical and Vaccine Gene Interaction Networks (<i>Full Paper</i>)
3:15 PM	Muhammad Amith (University of Victoria)	Appraising an Information Processing Pipeline to Transform and Encode Vaccine Information for the Nanopublication Network (<i>Full Paper</i>)
3:40 PM	Feng-Yu Yeh (University of Michigan)	VaxSEA: An Ontology-Driven Semantic Platform for AI-Ready Integration of Vaccine Data (<i>Abstract</i>)
3:50 PM	Break	
Session 2 — LLM-Driven Text Mining & Clinical Trial Analysis (Moderator: Cui Tao)		
4:05 PM	Hasin Rehana (University of North Dakota)	Schema-Grounded Multitask Instruction Fine-tuning for Joint Biomedical Named Entity Recognition and Relation Extraction (<i>Full Paper</i>)
4:30 PM	George Cao (Mayo Clinic)	MassTabBio: High-Throughput Recovery of Structured Tables from Biomedical PDF Literature (<i>Short Paper</i>)
4:45 PM	Jiadong Zhu (University of Michigan)	Ontology-Supported Integration and Graph Neural Network Analysis of Vaccine Clinical Trials (<i>Abstract</i>)
4:55 PM	Yongqun He (University of Michigan)	RECIvax: Response Evaluation Criteria for Infectious Disease Vaccines (<i>Abstract</i>)
5:05 PM	Jianfu Li (Mayo Clinic)	VaxOutcomeAI: LLM-Driven Categorization of Vaccine Clinical Trial Outcomes (<i>Abstract</i>)
5:15 PM	Jianfu Li (Mayo Clinic)	TrialTRUTH: Registry-Scale Automated Detection of Outcome Switching in Clinical Trials (<i>Abstract</i>)
Session 3 — Group Discussion & Closing (Moderators: Cui Tao & Yongqun He)		
5:25 PM	Group	Discussion & Closing Remarks