International Society of Pharmacovigilance

Committed to safer use of medicines worldwide

Intelligent Automation in Pharmacovigilance 2026
10th ISoP Boston Seminar

10 years of PV Intelligent Automation: Shaping the future of Patient Safety

3-4 December 2026
Boston, Cambridge, U.S.

Pfizer Cambridge
Pfizer, Kendall Square Building #2 (KSQ2) 1 Portland St,
Cambridge, MA 02139

International Society of Pharmacovigilance

Inquiries, phone/fax +44 (0) 20 3256 0027
www.isoponline.org
administration@isoponline.org

Contact: Sophie Spence
+44 777 306 2841 (mobile)



ISoP seminars must be free of commercial biases, and a strict conflict of interest policy is enforced. We create an international forum for all those with an interest in the clinical, scientific, and regulatory aspects of patient safety when using medicines. ISoP includes members from governmental, research and academic organizations as well as industry.

International Society of Pharmacovigilance

Committed to safer use of medicines worldwide

Day 1 – December 3rd, 2026
Journey: what have been done

	Session Title	Speaker
8.15 – 8.45	Registration	
8.45 – 9.00	Welcome and introduction [organizers]	
Session 1 (09.00 – 10.30)	Lessons learned from AI applications Chair: Nicole Schumacher-Crow, Pfizer (USA)	
1A 40’	AI and ML strategies for reliable and impactful usage	Andrew Bate (GSK, UK)
1B 25’	The Evolution of AI in Pharmacovigilance: Navigating Governance and Responsibility	Denny Lorenz (Roche, Switzerland)
25’	Panel discussion (Q&A)	
10.30 – 11.00	Coffee Break and networking	
Session 2 (11.00 – 12.30)	CIOMS Report on AI in PV – One Year After From theory to Practice Chair: Taxiarchis Botsis, JHU (USA)	
2A 20’	The CIOMS Report on AI: The practical impact on research at Uppsala Monitoring Centre	Sara Vidlin (Uppsala Monitoring Centre, Sweden) (Virtual)
2B 20’	Presentation 2	Zhenya Cherkas (J&J Innovative Medicine, USA)
2C 20’	Discussing the application of the CIOMS report to practice: Challenges and Opportunities	Walter Straus (Moderna, USA)
30’	Panel discussion (Q&A)	
12.30 – 13.30	Light Lunch	
Session 3 (13.30 – 15.00)	Oral Presentations from Abstracts Chair: Comfort Ogar, ISoP Executive Committee member, United States Pharmacopeia (USP)	
90’	6 x 15’: Oral Presentations (from abstracts)	
15.00 – 15.30	Coffee Break and networking	
Session 4 (15.30 – 16.30)	From Promise to Practice in Drug Safety: Lessons from Assessments of AI Solutions Chair: Tarek Hammad, Takeda (USA)	

International Society of Pharmacovigilance

Committed to safer use of medicines worldwide

	Predictive safety is an aspiration for pharmacovigilance, but reaching it depends on knowing what current AI tools can and cannot do. To that end, colleagues at Takeda conducted a structured evaluation of multiple AI-enabled scientific and safety intelligence platforms. This session shares lessons learned from that experience showing distinct strengths and where gaps remain.	
4A	A Comparative Evaluation of Available AI Tools Against the Requirements of Predictive Safety	Sue Lee and Neda Hassanpour (Takeda, USA)
16.30 – 16.45	Wrap-up Day 1 (Organizers)	
Networking Reception		
END of day 1		

Day 2 – December 4th, 2026 **Future: Current trends and recommendations**		
	Session Title	Speaker
8.45 – 9.00	Welcome back [organizers]	
Session 5 (09.00 – 10.30)	Regulatory updates Chair: Aişe Şükran Renda, Turkish Medicines and Medical Devices Agency (Turkey)	
5A 20’	Emerging Drug Safety Technology Program at FDA	Oanh Dang (US FDA)
5B 20’	AI-enabled MedDRA coding	David Sullivan (Medicines and Healthcare products Regulatory Agency, UK) (virtual)
5C 20’	AI in the Medicines Lifecycle: European Regulatory Network Perspectives and Recent Developments	Luis Pinheiro (European Medicines Agency, Netherlands) (virtual)
30’	Panel discussion (Q&A)	
10.30 – 11.00	Coffee Break and networking	
Session 6 (11.00 – 12.30)	Vendors’ perspective on what to expect in the next years Chair: Zhenya Cherkas, J&J Innovative Medicine (USA)	

International Society of Pharmacovigilance

Committed to safer use of medicines worldwide

6A 25’	Beyond LLMs: The AI Blueprint for the Next Generation of PV Operations	Ratika Dhar (Nextrove, USA) (Invited)
6B 25’	Smarter Signal Management for Better Safety Decisions	Paramdeep Singh Gill (ArisGlobal, USA)
6C 25’	Presentation 3	Raj More (RxLogix, USA)
15’	Panel discussion (Q&A)	
12.30 – 13.30	Light Lunch	
Session 7 (13.30 – 14.45)	Title: Shaping the Future Workforce: Skills and Roles in AI-Driven Pharmacovigilance Chair: Andrew Mitchell, YEZA Inc. (USA)	
7A 30’ TBC	Presentation 1	Quintin Van Wyk and Hassan Aljobori (ICON, USA)
7B 20’	EU AI Act meets GVP roles. What changes in PV jobs?	Mátyás Pétervári (Semmelweis University, Hungary)
15’	Q&A	
14.45 – 15.15	Coffee Break and networking	
Session 8 15.15-16.00	Panel discussion (hot topics)	
	Close of meeting (organizers)	
END of symposium		