



International Society
of Pharmacovigilance

Committed to safer use of medicines worldwide

1st ISO P European Artificial Intelligence Seminar 2026

AI-Powered Pharmacovigilance: Humans in the Loop

16-17 February 2026
Basel, Switzerland

Novartis Campus
Novartis Visitors Centre
Märkli Auditorium
Fabrikstrasse 6 - 4056 Basel

International Society of Pharmacovigilance

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Day 1 – Monday, 16 February 2026		
13:30 – 14 :00	Registration	
14 :00 – 14:15	Welcome and Introduction to the Seminar	
Session 1 (14:15 – 15:45)	Insight from CIOMS Artificial Intelligence Guidance Chairs: Francesco Salvo and Kendal Harrison	
14:15 – 14:35 1A	Risk-Based Approach	Julie Durand European Medicines Agency (Netherlands)
14:35 – 14:55 1B	The AI Cycle in PV	Denny Lorenz Lorenz Bratti GmbH (Germany)
14:55 – 15:15 1C	Trusted Use	Vijay Kara GSK (UK)
15:15 – 15:45	Panel discussion	
15:45 – 16:15	Coffee Break and Networking	
Session 2 (16:15 – 18:15)	Evolving Views Regarding Trusted Use of AI Chairs: Niklas Norén and Linda Härmark	
16:15 – 16:35 2A	The Evolving Role of AI in Pharmacoepidemiology	Ioanna Tzoulaki Imperial College London (UK)
16:35 – 16:55 2B	EMA’s Journey toward AI-Enabled Pharmacovigilance	Luis Pinheiro European Medicines Agency (Netherlands)
16:55 – 17:15 2C	Considerations for responsible deployment of AI	Eva-Lisa Meldau Uppsala Monitoring Centre (Sweden)
17:15 – 17:45	Panel discussion	
17:45 – 18:00	Wrap-up Day 1	
18:00 – 20:00	Welcome drinks	
End of Day 1		

ISO P would like to extend its gratitude to Novartis for providing the meeting venue.

Day 2 – Tuesday, 17 February 2026		
8:45 – 9:00	Welcome Back and Housekeeping	
Session 3 (09:00 – 10:30)	Leveraging AI to Support Case Processing Chairs: Marco Tuccori and Maribel Salas	
09:00 – 09:20 3A	Case Processing: Mapping AI Powerable Tasks	Linda Härmark Drug Safety Research Unit (UK)
09:20 – 09:40 3B	Autocoding Supporting Case Processing	Riccardo Lora University of Verona (Italy)
09:40 – 10:00 3C	Automation in ICSR Case Processing – The Evolution and the Future	Karthick Sukumaran Roche (UK)
10:00 – 10:20 3D	AI in pharmacovigilance – Regulatory perspective	Kendal Harrison MHRA (UK)
10:20 – 10:30	Question and Answer Session	
10:30 – 11:00	Coffee Break and Networking	
Session 4 (11:00 – 12:30)	Positioning LLM in PV: Promise, Practice and Pitfalls Chairs: Luis Pinheiro and Eva-Lisa Meldau	
11:00 -11:20 4A	Designing LLM systems: Why governance and Organisation Matter More Than the Model	Michael Renaudin Veanu GmbH (Switzerland)
11:20 – 11:40 4B	Prompt Engineering in PV	Ben Bray LCP’s Health Analytics Practice (UK)
11:40 – 12:00 4C	LLMs as virtual agents in assisting Drug information service?	Romain Barus, Toulouse University Hospital (France)
12:00 – 12:30	Panel discussion	
12:30 – 13:30	Light Lunch	
Session 5 (13:30 – 15:00)	AI in the Signal Management Process: Potential and Challenges Chair: Omar Aimer	
13:30 – 13:50 5A	AI in Signal Management	Florence Van Hunsel Netherlands Pharmacovigilance Centre Lareb (Netherlands)
13:50 -14:10 5B	AI in Risk Prediction	Maurizio Sessa University of Copenhagen (Denmark)
14:10 – 14:30 5C	AI in Signal Detection Using Large Scale Populational Data (<i>Virtual Presentation</i>)	Judith Maro Harvard Medical School (USA)
14:30 – 15:00	Panel discussion	
15:00 – 15:15	Close of Meeting	
15:15 – 15:30	Coffee Break and Networking	
End of Meeting		