

PPAR

Pharmaceutical Process Analytics Roundtable

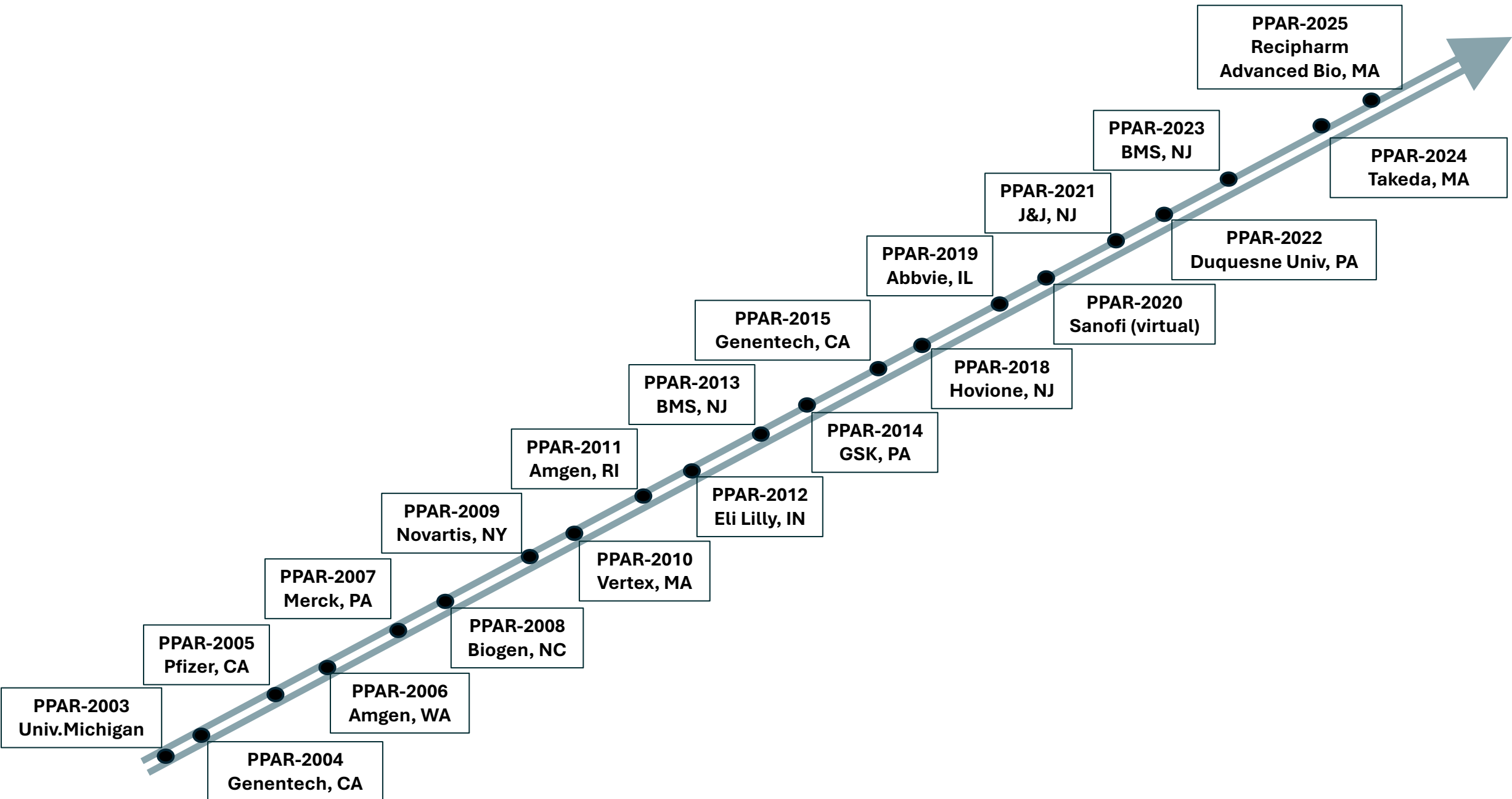
www.patroundtable.org

PPAR-2025

Recipharm Advanced Bio, Watertown MA

- TBD Watertown MA
- Nov 12-14, 2025

Recipharm
Advanced Bio



PPAR-2025

Organizing Committee



Edita Botonjic-Sehic
Recipharm Advanced Bio



Christopher Long
Recipharm Advanced Bio

Steering Committee



Yi Zhang
AstraZeneca



Alyssa Fidanza
Amgen



Busolo Wabuye
Merck



Caitlin Schram
Vertex



Carrie Sowers
AstraZeneca



Mark Henson
Takeda



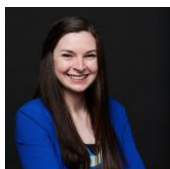
Elyse DiMaso
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Greg Pino
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Martin W.



Christine Massie
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Erin Masucci
J&J



Larry McDermott
Vertex



Nuno Matos
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JD
Abbvie



Sameer Talwar
GSK



Zheng Li
Genentech



Jack Qian
Lilly

Nov 13th: Day-1

Recipharm Advanced Bio – Watertown, MA

MS Team video conferencing will be available

Session 1 (8:15am-12:30pm)		Moderator
8:15-8:45 am	1.1 Welcome and Introductions	Edita Botonjic-Sehic & Recipharm Advanced Bio leadership
8:45-9:15 am	1.2 Survey Assesment	Elyse
9:15-10:15	1.3 Emerging Technology	Alyssa & JD & Busoulo
10:15-10:30 am	Break	
10:30-11:30 am	1.4 Sterility, bioburden/rapid testing	Erin ?
11:30am-12:30pm	1.5 New Modalities	Edita Botonjic-Sehic (Recipharm Advanced Bio)
12:30-1:30 pm	Lunch	
Session 2 (1:30-5:15 pm)		
1:30-2:30 pm	2.1 Tech transfer & investigation	Larry & Carrie
2:30-3:00 pm	Break & Transferr to Arranta/Rcipharm	650 Pleasant Street, Watertown, MA
3:00-5:00 pm	2.2 Recipharm Advanced Bio lab tour	Edita, Aaron and Steven
5:15-5:30 pm	email catch-up & move to restaurant	
6:00-9:00 pm	Dinner	Boston Aquarium

Nov 14th: Day-2

Recipharm Advanced Bio – Watertown, MA

MS Team video conferencing will be available

Friday, November 15th		
7:45-8:15 am	Breakfast at Recipharm, Watertown	
Session 3 (8:15am -12:30pm)		
8:15-9:15 am	3.1 DT and modeling for bioprocessing	Busolo and Larry, Sameer Talwar
9:15-10:15 am	3.2 Framework for model deployment	Mark & Nuno
10:15-10:30 am	Break	
10:30-11:30 am	3.3 Regulatory Affairs	Martin and Yi
11:30-12:30 pm	Lunch	
12:30-1:00 pm	4.1 Misc	30 min - left over discussions
1:00-1:30 pm	4.2 Wrap-up	Edita Botonjic-Sehic

Session Descriptions

1.2 Survey Assessment	Since 2017, PPAR has captured results from a benchmarking survey designed to understand the state of PAT in the pharmaceutical and biotechnology industry. The results from this year will be presented along with past results for a discussion on the adoption of PAT in our industry.
1.3 Emerging Technology	This interactive session will showcase slides submitted by industry peers around emerging PAT equipment (e.g., new sensors, cross-industry tools, and instrument pros and cons) or data/modeling/software innovations (integration with PAT systems, demonstrated benefits, implementation, and regulatory considerations). Attendees will have the opportunity to share insights, ask questions, and participate in collaboration that drives progress and closes critical gaps across the evolving field of PAT technology.
1.4 Sterility, bioburden/rapid testing	
1.5 New Modalities	Development of new modalities (ex: RNA therapeutics) has seen a huge expansion in recent years. This surge in demand has driven growing need to enhance manufacturing processes, particularly in terms of speed and quality. What role with PAT play in enhancing new modalities production through batch and/or continuous manufacturing?
2.2 Tech. transfer investigation	As PAT applications mature from development through clinical and commercial manufacturing, the focus shifts from implementation to sustained performance and transferability. This session will explore best practices, lessons learned, and emerging strategies for managing technology transfer and investigation workflows involving PAT across sites, products, and scales.
3.1 DT and modeling for bioprocessing applications	The adoption of Digital Twins (DTs) in bioprocessing has emerged as a major focus across the industry. While implementation presents notable challenges, the potential benefits—such as increasing mechanistic understanding of process variation, improving operational efficiency, enhancing process monitoring and control, and enabling real-time prediction of the impact of critical process parameters (CPPs) on critical quality attributes (CQAs) of the final product—continue to drive strong interest. This session will bring together Process Analytical Technology (PAT) practitioners to define Digital Twins in the bioprocessing context, share real-world applications across upstream and downstream processes, and discuss current challenges and limitations. The discussion will explore how the evolving role of PAT can accelerate Digital Twin adoption and unlock greater value in biopharmaceutical manufacturing.
3.2 Framework for model deployment	Regardless of model type (e.g., mechanistic vs. statistical) or intended use vis-à-vis the control strategy, deployment into cGMP scenarios requires a risk-based framework for validation and qualification. This discussion invites shared experiences on what has worked or not in practice, and how different approaches have ensured scientific rigor and allowed operational feasibility. Additional aspects of validation frameworks, extension of validation, and lifecycle management will be in scope.
3.3 Regulatory affairs	The purpose of this discussion is to share information, and get feedback, on the current regulatory environment (covering guidance/consensus standards/industry best practice), to discuss mechanisms for interacting with global health authorities, but also to allow attendees to share their experiences, hopefully success stories, coming from those interactions.

PPAR-2025 PARTICIPANTS LIST

Attendees List 2025

	Company	In-Person	Virtual	Welcome Reception
Patrik Johansson (patrik.johansson@modernatx.com)	Moderna	X		
Edita Botonjic-Sehic (edita.botonjic-sehic@arrantabio.com)	Recipharm Advanced Bio	X		X
Aaron Cowley (aaron.cowley@arrantabio.com)	Recipharm Advanced Bio	X		
Caitlin Schram (Caitlin_Schram@vrtx.com)	Vertex	X		X
Larry McDermott (Larry_mcdermott@vrtx.com)	Vertex	X		X
Victoria Kennedy (victoria.kennedy2@sanofi.com)	Sanofi	X		X
Massie, Christine (Christine.Massie@sanofi.com)	Sanofi	X		
Mark Jandreski (mark.jandreski@arrantabio.com)	Recipharm Advanced Bio	X		X
Daniel Spurgin (Daniel.spurgin@arrantabio.com)	Recipharm Advanced Bio	X		X
Martin Warman (martin@martinwarmanconsultancy.co.uk)	MW Consultancy (previous Vertex)	X		X
Elyse DiMaso (elyse.dimaso@bms.com)	BMS	X		X
Busolo Wabuyele (Busolo.wabuyele@merck.com)	Merck		X	
Miller, Chuck (charles_miller4@merck.com)	Merck	X		
Sameer Talwar (sameer.x.talwar@gsk.com)	GSK		X	
Nuno Matos (nmatos@hovione.com)	Hovione		X	
Alyssa Fidanza (Afidanza@amgen.com)	Amgen	X		X
Jakob Morris (jmorri05@amgen.com)	Amgen	X		
Carries Sowers (carrie.sowers@astrazeneca.com)	Astra Zeneca	X		X
Mark Henson (mark.henson@takeda.com)	Takeda	X		X
Pino Gregory (gregory.pino@takeda.com)	Takeda	X		X
Masucci, Erin [JANUS (EMasucci@ITS.JNJ.com)	J&J		X	
Irina Ramos (iramos24@its.jnj.com)	J&J		X	
John David Mcelderry (Johndavid.mcelderry@abbvie.com)	Abbvie	X	X	X
Greiner, Bradley A (Brad.Greiner@abbvie.com)	Abbvie	X		X
Jack Qian (jack.qian@lilly.com)	Eli Lilly	X		X
Ankita Naik (Ankita Naik (ANAIK@hovione.com)	Hovione	X		X
Andre Cruz (ascruz@hovione.com)	Hovione	X		X
Doddridge, Gregory D (gregory.doddridge@abbvie.com)	Abbvie	X		X
Yi Zhang (yi.zhang22@astrazeneca.com)	Astra Zeneca	X		X
Carl Anderson (andersonca@duq.edu)	Duquesne University	X		

Event Logistics

Nov 12th 6:00-8:00pm – informal reception

Mighty Squirrel
102 Arsenal Yards Blvd.
Watertown, MA 02472

<https://www.mightysquirrel.com/>

Nov 13-14, Day-1/Day-2 event starts at 7.45am

Recipharm Advanced Bio PPAR 2025 Event held at

Mosesian Center for the Arts
321 Arsenal St, Watertown, MA 02472-5710

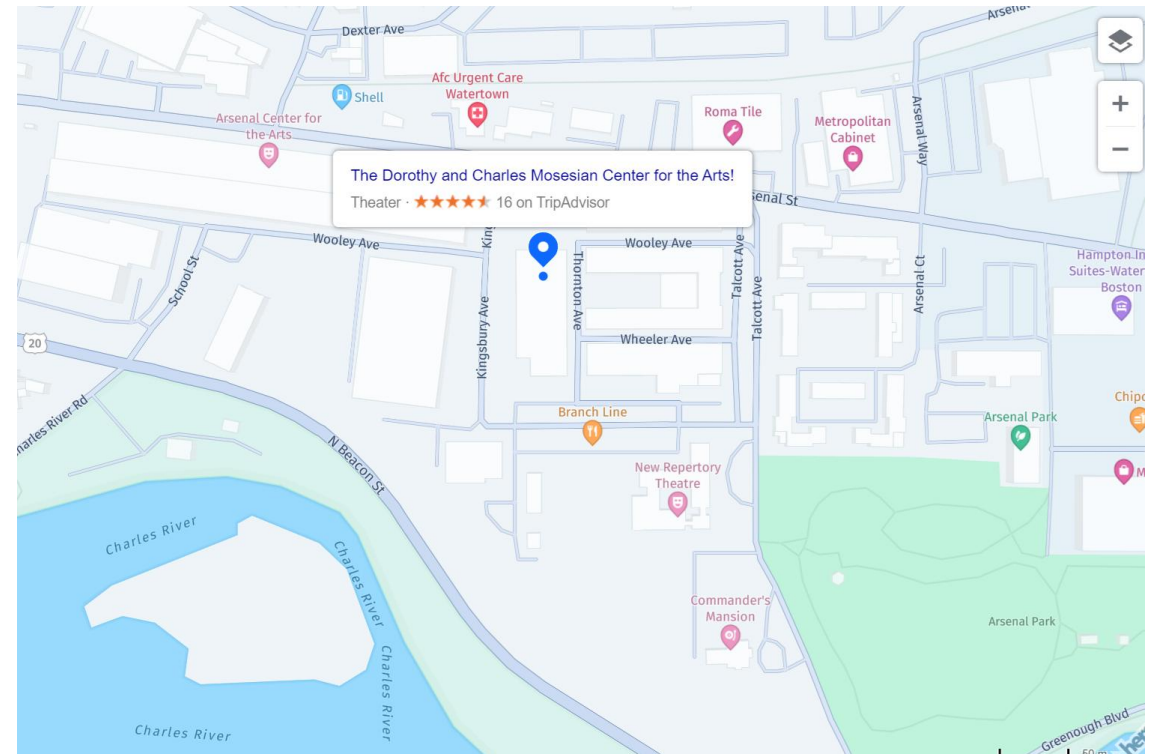
Nov 13th 6:00-9:00pm – Team Dinner

New England Aquarium
1 Central Wharf
Boston, MA 02110
617-226-2278

Recipharm Advanced Bio PPAR 2025 Event

@

Mosesian Center for the Arts, Watertown MA



Contact:

Edita Botonjic-Sehic- 860-463-6881, [Edita.Botonjic-sehic@arrantabio.com](mailto>Edita.Botonjic-sehic@arrantabio.com)

Hotel Suggestions

Residence Inn by Marriott Bonvoy

570 Arsenal Street

Watertown, MA

617-926-4500

Hampton Inn & Suites Watertown Boston

25 Bond Street

Watertown, MA

617-926-0005

(This hotel is next to the event location – 0.3 mi)