

ARM & C> CATAPULT WORKSHOP: ADVANCED MANUFACTURING & INDUSTRIALIZATION OF THE CGT SECTOR

LOCATION: Stevenage, UK

FORMAT: Hybrid

DATE: June 12-13, 2025

PRE-EVENT SPEAKER'S DINNER – JUNE 11TH, 2025

6:00 – 8:30pm **Speaker's Dinner**
[Hotel Cromwell Stevenage](#), [Rump & Wade Brasserie](#), Stevenage, UK

DAY 1 – JUNE 12TH, 2025

Facility Tour & Demo

8.45am-9:30am **Registration & Breakfast**
Cell and Gene Therapy Catapult (CGT Catapult)
Gunnels Wood Rd, Stevenage SG1 2FX

9:30am-9:40am **Opening Remarks and introduction to CGT Catapult Digital and Automation Testbed Tours**
Stephen Ward, CTO, Cell and Gene Therapy Catapult

9:40am-12:20pm **CGT Catapult Digital and Automation Testbed Tours and Robotics Demonstrations (in-person only)**
Touring Stations:

1. **CGT Catapult's Digital and Automation Strategy, Purpose and Vision**
2. **Building Automation Strategy Earlier in Process Development – featuring technology from Accellix, Cellular Highways, MFX and OriBio**
3. **Building End-to-End Automated Manufacturing Systems/Future Factory Concept – featuring technology from Cellular Origins, Cytiva, Fresenius and ScaleReady**
4. **Digital Infrastructure and Strategy – with Autolomous, Securecell and UCL**

12:30 – 1:30pm **Lunch**
GSK Auditorium – Lobby space
Gunnels Wood Rd, Stevenage SG1 2NY

Session 1: Big Data & Digitization

1:30 – 1:40pm **Opening Remarks**
Natalie Fekete, Manager, S&I, Alliance for Regenerative Medicine
Stephen Ward, CTO, Cell and Gene Therapy Catapult

1:40 – 2:30pm **Keynote: Digital Transformation of Advanced Therapies: Successes and Opportunities**
Introduction: Rita Johnson-Greene, COO, Alliance for Regenerative Medicine

Keynote: Nicole Mather, Life Sciences Lead, HLS Data and AI Lead, IBM Consulting UK & Ireland

2:30 – 3:00pm **Presentation: Use of Big Data in the Biomedical Domain**
Jean-Baptiste Cazier, Head of Bioinformatics & BioStatistics, and Data Science Strategy, The Crick Institute

3:00 – 3:15pm **Afternoon Break**

Session 2: Scaling Up Manufacturing

3:15 – 4:15pm **Presentations: How to scale: Lessons learned from Pioneers**
Chair: Daniel Gibson, Head of Collaborations, Cell & Gene Catapult

- Ron Jenkins, Executive Director in Cell Therapy Technical Operations, Bristol Myers Squibb
- Fabien Moncaubeig, Chief Platform Officer, TreeFrog
- David Brochu, Chief Technical Officer, Autolus

4:15 – 4:55pm **Panel Discussion: Fireside Chat**
Moderator: Matt Hewitt, Vice President, CTO Manufacturing Business Division, Charles River Labs

- Harish Santhanam, Vice President Cell Therapy Technical Operations, Bristol Myers Squibb
- Peter Boyce, Director, Process Development, Aviadobio
- Josh Ludwig, Global Commercial Director, Scale Ready
- Ali Afshar, CEO & Co-Founder, Mytos

4:55 – 5:00pm **Day 1 Concluding Remarks**
Natalie Fekete, Manager, Science & Industry Affairs, ARM

5:30 – 7:00pm **Networking Reception & Facility Tour**
Sycamore House, Stevenage, UK
2 Gunnels Wood Rd, Stevenage SG1 2BP

Cell and Gene Therapy Catapult tours:

- **Process Analytical Technologies (PAT) lab**
- **Skills and Training lab**

DAY 2 – JUNE 13TH, 2025

8:00 – 9:00am **Registration & Breakfast**
GSK Auditorium
Gunnels Wood Rd, Stevenage SG1 2NY

Session 3: Robots, Automation and AI/ML

9:00 – 9:30am **Day 2 Opening Remarks**
Stephen Ward, CTO, Cell and Gene Therapy Catapult

- 9:30 – 10:30am **Presentations: Robots, Automation, Digital Twins and AI/ML for Manufacturing**
 Chair: Stuart Lowe, Head of Advanced Therapies, TTP plc
- Edwin Stone, CEO, Cellular Origins
 - John Tomtishen, SVP and GM, Cellares
 - Marinna Madrid, Co-Founder, Chief Product Officer, Cellino
- 10:30 – 11:15am **Panel discussion**
 Moderator: Jason C. Foster, Chief Executive Officer and Executive Director, Oribiotech
- Marinna Madrid, Co-Founder, Chief Product Officer, Cellino
 - Mark Swendsen, Chief Revenue Officer, FormBio
 - Aaron Vernon, Chief Manufacturing Officer, Quell Therapeutics Ltd
 - Ed Samuel, Former EVP Technical Operations, Achilles Therapeutics plc
- 11:15 – 11:30am **Morning Break**

Session 4: Decentralized vs Centralized Manufacturing

- 11:30 – 12:00pm **Presentation: Decentralized & Centralized Manufacturing**
 Presentation: Ian Rees, Regulatory Affairs Consultant, DI REES Ltd
- 12:00 – 1:00pm **Lunch**
- 1:00 – 2:10pm **Session: Decentralized & Centralized Manufacturing**
 Chair: Mike Lehmiche, SVP, Science & Industry Affairs, ARM
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 - Mark Lowdell, Professor of Cell & Tissue Therapy, University College London (UCL), & CSO and Co-Founder, INmuneBio
 - Ruiz Astigarraga, Head of EU Technical Operations, Galapagos

Session 5: Regulatory Session, Platform Technologies

- 2:00 – 2:30pm **Fireside Chat: Regulatory Perspective on Platform Technologies**
 Chair: Monica Veldman, Director, Global Regulatory Policy, ARM
 Speaker: Alison Niewiarowska, Head of Biological Products, UK Medicines and Healthcare Products Regulatory Agency (MHRA)
- 2:30 – 2:40pm **Day 2 Concluding Remarks**
 Michael Lehmiche, SVP, Science and Industry Affairs, ARM