



13<sup>th</sup> Annual Workshop on Medical Innovation and Healthcare (WOMI)  
December 11<sup>th</sup> – 13<sup>th</sup>, 2024  
University of Manchester  
Manchester, United Kingdom

A Collaboration between University of Manchester & Gothenburg U-GOT KIES Center

Supported by:

- ❖ UKRI ESRC (Grant N. ESRC – ES/W011484/1)
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- ❖ Gothenburg U-GOT KIES Centre

Workshop organisers:  
Ronnie Ramlogan & Dimitri Gagliardi  
Maureen McKelvey & Madeleine Englund

**About WOMI:**

Our community is focused on debate and scholarship related to science, technology and innovation in medical sphere. For over a decade, we have organized small workshops across Europe to debate current topics in the economic and social aspects of medical innovation and meet across organizational boundaries. We study medical innovation in the context of healthcare organizations, medical devices, pharmaceutical industry and broader fields of medicine and life-sciences. See more at:

<https://www.gu.se/handelshogskolan/ekonomi-samhalle/womi-community-workshops-on-medical-innovation-and-healthcare>

**Link for digital participation: TBC**

## Wednesday 11<sup>th</sup> December,

Workshop dinner – Paid by WOMI/UNIMAN.  
19:00 dinner at: Sam's Chop House Manchester  
Back Pool Fold, Manchester - M2 1HN

## Thursday 12<sup>th</sup> December, University of Manchester

09:00 – 09:20 Registration and Coffee

09:20 – 09:30 Opening of workshop by Prof Maureen McKelvey

Chairperson morning session: Andrea Mina

09:30 – 11:00 Paper presentations: New Knowledge and Translation Mechanisms

	Authors	Title
09:30	Maureen McKelvey and Rögnavdur J. Saemundsson	<i>The co-evolution of medical and engineering knowledge. Collaborative research projects in the context of advanced graduate education in engineering and medicine in Gothenburg 1948-2022</i> <i>Discussant:</i> Luka Gebel
10:00	Luca Gebel, Marcela Miozzo, and L. Sosa	<i>In Search of Enabling Technology: Managing Divergent Patterns of Knowledge in Molecular Biology</i> <i>Discussant:</i> Michael Hopkins
10:30	Moon, JR; Ibanez, FI; Jones, KM; Moore DA; James Bates, and Michael Hopkins	<i>The support and evaluation of early-stage translational research lines in the life sciences</i> <i>Discussant:</i> Rögnavdur J. Saemundsson

11:00 - 11:15 Short Tea/Coffee Break

11:15 – 12:45 Paper presentations: AI in Medicine

	Authors	Title
11:15	Żukowicka-Surma A., Johansson and J., Holmén, M., & Andersson, S	<i>Business Model Innovation for healthcare data-driven solutions</i> <i>Discussant:</i> Reza Salehnejad
11:45	Muhammad Ismail, Andrea Sestino, Magnus Holmén and Henrik Barth	<i>Shared Decision-making of Humans and AI in Health Care: An Experimental Study</i> <i>Discussant:</i> Shukhrat Nasirov
12:15	Ingela Mauritzon, Magnus Holmén, and Lars Nordgren	<i>Conformity Assessment for MedTech firms: Do Notified Bodies Use Artificial Intelligence?</i> <i>Discussant:</i> Gindo Tampubolon

12:45 -13:45 Lunch

Chairperson afternoon session: Magnus Holmén

**13:45 – 15:15 Paper presentations: Issues of Drug Development**

	<b>Authors</b>	<b>Title</b>
13:45	Dinar Kale	<i>Emerging business models in cancer diagnostic startups in India</i>  <i>Discussant:</i> Bastian Rake
14:15	Yelin Hu, Dimitri Gagliardi and Shukhrat Nasirov	<i>Orphan drug development by large pharma: The dynamic stakeholder engagement perspective</i>  <i>Discussant:</i> Senda Fattoum
14:45	Mustapha Belkhouja, Senda Fattoum, Isabel Maria Bodas Freitas, and Arshita Dhiman	<i>Why do firms engage in the development of orphan drugs?</i>  <i>Discussant:</i> Anna Żukowicka-Surma

**15:15 – 15:30 Tea/Coffee Break**

**15:30 – 17:00 Paper presentations: Institutions and Capabilities**

	<b>Authors</b>	<b>Title</b>
15:30	Abisope Akintola, Ronnie Ramlogan, Dimitri Gagliardi et al	<i>Institutional, organisational, and innovation management factors impacting on the routes to adoption of pharmacogenomics and/or pharmacogenetics in oncology and cardiology: a mixed methods systematic review</i>  <i>Discussant:</i> Dinar Kale
16:00	Francis Bertulfo, Isabel Maria Bodas Freitas, and Roberto Fontana	<i>Institutional change and the drivers of innovation adoption: A study of Electronic Health Records in US Hospitals</i>  <i>Discussant:</i> Abisope Akintola
16:30	Dinar Kale, Pallavi Joshi and Theo Papaioannou	<i>Evolving health-industrial linkages: Industrial capabilities of medical devices and diagnostics in the global south during COVID-19 pandemic times</i>  <i>Discussant:</i> Isabel Maria Bodas Freitas

**17:00 End of workshop day 1**

**Dinner – self-organized and self-funded by participants**

# Friday 13th December, University of Manchester

09:00 – 09:15 Coffee

Chairperson: Rögnvaldur Saemundsson.

## 09:15 – 10:45 Paper presentations: R&D Funding and Business

	Authors	Title
09:15	Johannes Tröndle	<i>The effect of drug approval on R&amp;D</i> <i>Discussant:</i> Ohid Yaqub
09:45	Yasemin Alsan, Ohid Yaqub, Daniele Rotolo	<i>How Targetable is Biomedical Research Funding? Variation across Categories of Research and Disease</i> <i>Discussant:</i> Dinar Kale
10:15	Senda Fattoum, Rose Bote, Mustapha Belkhouja	<i>The Co-Construction of an Innovative Healthcare System: Home Hospitalization as a transformational complex “Service” system</i> <i>Discussant:</i> Johannes Tröndle

10:45 – 11:00 Tea/Coffee Break

## 11:00 – 12:30 Paper presentations

	Authors	Title
11:00	Ugo Finardi and Federica Rossi	<i>Approaches to International Collaborations in Clinical Research: a study of Italian Research Hospitals</i> <i>Discussant:</i> Andrea Mina
11:30	Luigi Venetucci, Cinzia Dello Russo et al	TBC
12:00	.	

12:30 – 12:40 Concluding remarks: WOMI2025 & WOMI2026

12:40 End of workshop - Lunch

**Practicalities****Format & purpose**

Our goal is to have lots of discussion on papers, including a wide range for preliminary ideas to close to completed projects.

30 minutes are allocated to each paper:

max 15 minutes presentation,

10 minutes for discussant including response

5 minutes general discussion.

The Chairperson will keep tight control of the time and may make some concluding remarks.

**Abstracts:**

They will be distributed to participants via email. Only participants of the workshop will have access to the papers.

**Other:**

No conference fees.

You are responsible for your own travel / accommodations. We suggest booking as early as possible as Manchester has many Christmas-related events and is becoming an attractive tourist destination.

We will invite participants to light lunches & 1 workshop dinner.

On the 11<sup>th</sup> of December we shall meet at the workshop dinner venue:

**19:00 dinner at: Sam's Chop House Manchester**

**Back Pool Fold, Manchester - M2 1HN**

The City Centre area is within a 10–15-minute walk to/from the University (AMBS).

**Location:**

The workshop will be held at the Alliance Manchester Business School – the University of Manchester.

Registration begins at 9AM in the Reception Area of the AMBS