

# CeBIL symposium: Sustainable health innovation, grand challenges & the law, 14-15 June 2023

# <u>Agenda</u>

### **Day 1 - 14 June 2023**

9:00 Welcome & Opening remarks- Timo Minssen, PI & NNF grant holder, Director of CeBIL, Faculty of Law, University of Copenhagen, LML Affiliate, University of Cambridge.

Keynote presentation- CeBIL and the NNF's impact assessment framework - Thomas Alslev Christensen, Senior Vice President, Impact, Novo Nordisk Foundation

#### **Study 1: Antibiotics**

Chair: Aaron Kesselheim, Professor of Medicine, Harvard Medical School/Brigham and Women's Hospital, PORTAL Director – Highlights from the CeBIL's studies on AMR and Innovation.

10:00 Planning for Sustainability: Estimating global antibacterial funding required for a pipeline of 6 high-impact drugs per decade- Kevin Outterson, Professor of Law, Boston University, Director of CARB-X.

10:15 Implementation of the UK's AMR National Action Plan – Rebecca Glover, Ass. Prof., Head of the Economic, Social, and Political Science, Antimicrobial Resistance Centre, London School of Hygiene & Tropical Medicine.

10:30 Trends in the global antibiotics market—<u>Jacob Madden</u>, Postdoctoral research fellow, PORTAL, Harvard Medical School and Brigham & Women's Hospital.

10:45 Q&A and Debate

11:00 Break

#### **Study 2: Orphan Drugs**













- 11:15 Chair: Timo Minssen, PI and NNF grant holder, CeBIL Director, Faculty of Law, University of Copenhagen, LML Affiliate, University of Cambridge - CeBIL's orphan drug studies: Highlights, future opportunities and challenges.
- 11:30 The US Orphan Drug Act at 40 Michael S. Sinha, Ass. Professor, Center for Health Law Studies, Saint Louis University.
- 11:45 The EU Orphan drug act at 23 time to grow up? Jakob Wested, Industrial Postdoc, Danish Medicines Agency & CeBIL, Faculty of Law, University of Copenhagen.
- 12:00 Patient Engagement in Medicines R&D and in use General and Rare Disease specific considerations-Merete Schmiegelow, Patient Advocate, Danish Cancer Society.
- 12:15 Q&A and Debate
- 12:30 Lunch

### Study 3: Precision Medicine and AI

- 13:30 Chair: Glenn Cohen, Faculty Director, James A. Attwood and Leslie Williams Professor of Law, and Deputy Dean, Petrie-Flom Center for Health Law Policy, Biotechnology, and Bioethics, Harvard Law School - Precision Medicine and AI: Patients, Law, and Ethics.
- 13:45 Prioritizing JEDI (Justice, Equity, Diversity, Inclusion) in Precision Medicine and AI Sonoo <u>Thadaney Israni</u>, Executive Director, Presence & Program in Bedside Medicine, Stanford University.
- 14:00 Ethical issues in decentralized clinical trials Effy Vayena, Professor of Bioethics, Deputy Head of the Institute of Translational Medicine, ETH Zurich.
- 14:15 Who and How to Regulate Medical AI? Carmel Shachar, Executive Director, The Petrie-Flom Center for Health Law Policy, Biotechnology, and Bioethics, Harvard Law School.
- 14:30 Q&A and Debate

#### **Study 4: New Uses**

- 14:45 Chair: Kathy Liddell, Director, Centre for Law, Medicine and Life Sciences (LML), University of Cambridge- An introduction to the CeBIL 'new uses' project
- 15:00 Patent-based challenges- Matt Fisher, Senior Lecturer, Faculty of Laws, University College London.
- 15:15 Was the EU incentive for repurposing successful? And, should we think more about non-commercial incentives?- John Liddicoat- Senior lecturer, The Dickson Poon School of Law, King's College London.
- 15:30 US and UK government responses to the challenges- Marco Schito, Professor Practice in Law at Arizona Law & Executive Director of the Critical Path Institute's CURE Drug Repurposing Collaboratory.
- 15:45 Q&A and Debate
- 16:00 Break











#### Study 5: Biologics and biologics manufacturing

- 16:15 Chair: Nicholson Price, Professor of Law, Michigan Law, University of Michigan- The CeBIL Biologics Manufacturing Study.
- 16:30 Biosimilars and Follow-On Products: Adoption, Prices, And Users Ariel Stern, Associate Professor of Business Administration, Technology and Operations Management Unit, Harvard Business School.
- 16:45 Intellectual Property, Public Funding, and Innovation in Biomanufacturing Platforms Arti Rai, Elvin R. Latty Professor of Law, Faculty Director, The Center for Innovation Policy, Duke Law.
- 17:00 Knowledge Sharing of Biologics A qualitative study Louise C. Druedahl, PhD, fmr. Postdoc, CeBIL, Faculty of Law, University of Copenhagen, since 01, June 2023, Global Regulatory Affairs, Novo Nordisk
- 17:15 Q&A and Debate

#### **Concluding session**

- 17:30 Chair: Timo Minssen, PI and NNF grant holder, CeBIL Director, Faculty of Law, University of Copenhagen LML Research Affiliate, University of Cambridge - Open discussion for all studies with panel chairs & Closing remarks
- 18:00 Reception
- 19:00 Dinner for speakers

## Day 2 - 15 June 2023

- Summary of Day 1 & Plan for Day 2 Timo Minssen, PI and NNF grant holder, CeBIL, Faculty of 9:00 Law, University of Copenhagen
- 9:15 Keynote presentation- Transforming Healthcare: Leveraging the potential of AI Digital Solutions to Conquer the Grand Challenges in Health, Ryan Dos Santos, Technical Officer - Digital Health at the World Health Organization (Europe), Division of Country Health Policies and Systems.

#### Study 6: Synergy

- Chair: Timo Minssen, PI and NNF grant holder, CeBIL, Faculty of Law, University of Copenhagen-9:45 The CeBIL Synergy Study
- 10:00 Technology Specificity, Vaccine R&D and Pandemic/Epidemic Preparedness Ana Santos Rutschman, Professor of Law, Villanova University Charles Widger School of Law (virtual talk)
- 10:15 Sustainable competition & regulatory sandboxes in pharma & health Ioannis Lianos, President of the Hellenic Competition Commission/ Professor of Global Competition Law and Public Policy, UCL Law
- 10:30 Managing Privacy Risks in International Data Transfers for Biomedical Research Marcelo Corrales Compagnucci, Associate Professor and Deputy Director, CeBIL, Faculty of Law, University of Copenhagen
- 10:45 Q&A and Debate
- 11:00 Break









#### **Future Research Directions**

- 11:15 Chair: Timo Minssen, PI and NNF grant holder, CeBIL, Faculty of Law, University of Copenhagen Future plans of the CeBIL team
- 11:25 Advanced Medical Computing & Quantum Technology- Mateo Aboy Principal Research Scholar, Centre for Law, Medicine and Life Sciences (LML), University of Cambridge
- 11:40 Pandemic Preparedness & AMR Jyoti Joshi, AMR Advisor, The International Centre for Antimicrobial Resistance Solutions (ICARS)
- 11:55 Sustainable Biomedical Innovation & Global South Perspectives Kshitij Kumar Singh, Assistant Professor, Campus Law Centre, Faculty of Law, University of Delhi
- 12:10 Can health innovation be inclusive and equitable? Ways forward and obstacles with antibiotics-Rohit Malpani, Senior Advisor, GARDP
- 12:25 Panel discussion
- 12:45 Closing remarks- Timo Minssen, PI and NNF grant holder, CeBIL, Faculty of Law, University of Copenhagen

12:50 Lunch

13:50-15:50 Internal CeBIL program meeting with speakers













