

# INTERDISCIPLINARY PROGRAM IN HEALTHCARE INNOVATION

COURSES AND WORKSHOPS 2021 - Online and ULB Campus Erasme

Tentative program (speakers tbc)

## MODULE 1 - R&D Investments & Preparedness

12 FEBRUARY

### SETTING THE SCENE

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|---------------|---|--|--|
| 9:00 - 9:45   | > | Interdisciplinary healthcare innovation to face global challenges  | Michel GOLDMAN, I3h Institute, ULB                               |
| 9:45 - 10:00  | > | Program and evaluation practicalities  | Hilde STEVENS, I3h Institute, ULB                                |
| Break         |   |  |  |
| 10:15 - 11:00 | > | Biologic factors and insights into the emergence of (new) infectious diseases                            | Yves COPPIETERS, École de Santé publique, ULB                    |
| 11:00 - 11:45 | > | Mitigating the effects on the economy: the reality behind a sudden (Belgian/European/worldwide) lockdown | Mathias DEWATRIPONT, I3h Institute & Solvay Brussels School, ULB |
| 11:45 - 12:30 | > | Q&A session  |  |

### R&D INVESTMENTS & PREPAREDNESS

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|---------------|---|--|---|
| 14:00 - 14:20 | > | Prediction models to guide policy makers                   | Marius GILBERT, Spatial Epidemiology lab, ULB                     |
| 14:20 - 14:40 | > | R&D challenges to speed up innovation                      | Bruno FLAMION, Namur Research Institute for Life Sciences, UNamur |
| 14:40 - 15:00 | > | Healthcare leaders' role in R&D Investments & Preparedness | Richard WILDER, Coalition for Epidemic Preparedness Innovations   |
| Break         |   |  |   |
| 15:30 - 17:00 | > | PANEL debate   |   |
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## MODULE 2 - Systemic innovations to speed up drug development

26 FEBRUARY

### REGULATORY SCIENCE

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|---------------|---|--|---|
| 9:00 - 9:30   | > | Recap & introduction   | Hilde STEVENS, I3h Institute, ULB             |
| 09:30 - 10:15 | > | Ethical clinical care  | Ingrid KLINGMANN, Pharmatrain Federation      |
| Break         |   |  |   |
| 10:30 - 11:15 | > | The fast moving role of the regulator<br>(Fast Track Procedures for Development and Authorisation of Covid-19 Medicines and Vaccines - Patient Access Program) | Hans-Georg EICHLER, European Medicines Agency |
| 11:15 - 12:00 | > | Evidence-based medicine and the urge to repurpose & develop testing kits, drugs and vaccines   | Michel GOLDMAN, I3h Institute, ULB            |
| 12:00 - 12:45 | > | Q&A session  |   |

### PATIENTS' RIGHTS AND PATIENT EMPOWERMENT

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|---------------|---|--|--|
| 14:00 - 14:20 | > | Biosamples, data and the GDPR          | Isabelle HUYS, Pharmaceutical and Pharmacological Sciences, KULeuven |
| 14:20 - 14:40 | > | Empowerment of patients                | Lode DEWULF, Servier   |
| 14:40 - 15:00 | > | Patient advocacy to incentivize action | Tamas BERECZKY, EUPATI   |
| Break         |   |  |  |
| 15:30 - 17:00 | > | PANEL debate                           |  |
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5 MARCH

**IT'S ALL ABOUT PREVENTION**

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|---------------|--|--|
| 9:00 - 9:30   | > Recap & introduction                                       | Hilde STEVENS, I3h Institute, ULB                                    |
| 9:30 - 10:15  | > Prevention as a cornerstone of health system strengthening | Lieven ANNEMANS, Department of Public Health and Primary Care, UGent |
| Break         |  |  |
| 10:30 - 11:15 | > Lead, Vaccines as a Public Health Value Proposition        | Bill HAUSDORFF, PATH   |
| 11:15 - 12:00 | > The Vaccine Confidence Project                             | Heidi LARSON, London School of Hygiene & Tropical Medicine           |
| 12:00 - 12:45 | > Q&A session  |  |

**HEALTH SYSTEM STRENGTHENING BASED ON LESSONS LEARNED**

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|---------------|--|--|
| 14:00 - 14:20 | > Universal access to health                 | Agnès MATHIEU-MENDES, European Commission                |
| 14:20 - 14:40 | > Lessons learned from the HIV/AIDS pandemic | Michel KAZATCHKINE, UN Special Envoy for HIV/AIDS        |
| 14:40 - 15:00 | > 'Experience expert' at all fronts          | Peter PIOT, London School of Hygiene & Tropical Medicine |
| Break         |  |  |
| 15:30 - 17:00 | > PANEL debate                               |  |
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## MODULE 4 - Innovation models, tools and processes

12 MARCH

### STAKEHOLDER COLLABORATION TO IMPROVE ACCESS TO MEDICINES

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|---------------|---|--|
| 9:00 - 9:30   | > Recap & introduction  | Hilde STEVENS, I3h Institute, ULB                    |
| 9:30 - 10:15  | > Raison d'être of Intellectual Property                      | Bruno VAN POTTELSBERGHE, Solvay Brussels School, ULB |
| Break         |   |  |
| 10:30 - 11:15 | > Open Innovation Models to incentivize transfer of knowledge | Mike HARDMAN, Faculty of Pharmaceutical Medicine, UK |
| 11:15 - 12:00 | > Voluntary licensing & the COVID-19 Technology Pool          | Ellen t'HOEN, Medicines Law & Policy                 |
| Break         |   |  |
| 12:15 - 13:15 | > PANEL debate  |  |

### ARTIFICIAL INTELLIGENCE: STRUCTURES AND STRATEGIES FOR HEALTHCARE INNOVATION

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|---------------|--|--|
| 14:00 - 14:20 | > EHRs, big data and contact tracing apps  | Dipak KALRA, University College of London              |
| 14:20 - 14:40 | > AI to support physicians in providing medical care                                     | Giovanni BRIGANTI, Lecturer in Medical Technology, ULB |
| 14:40 - 15:00 | > The changing face of Technology - access of all students to computer- and data science | Sophie Vandebroek, IDEXX Laboratories                  |
| Break         |  |  |
| 15:30 - 17:00 | > PANEL debate   |  |
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19 MARCH

**NAVIGATING TECHNOLOGY'S PROMISE AND PITFALLS**

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|---------------|--|--|
| 9:00 - 9:30   | > Recap & introduction   | Hilde STEVENS, I3h Institute, ULB                              |
| 9:30 - 10:15  | > Alzheimer's dementia   | Roos VANDENBROUCKE, VIB-UGent Center for Inflammation Research |
| Break         |  |  |
| 10:30 - 11:15 | > Moving Advanced Therapy Medicinal Products into the standard of care | Magda PAPADAKI, MSD  |
| 11:15 - 12:00 | > What will CRISPR bring us?   | Hetty HELSMOORTEL, CRIG  |
| Break         |  |  |
| 12:15 - 13:15 | > PANEL debate   |  |

**VALUE-BASED HEALTHCARE**

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|---------------|---|---|
| 14:00 - 14:20 | > Managed Entry Agreements              | Mattias NEYT, Belgian Health Care Knowledge Centre, KCE |
| 14:20 - 14:40 | > Early stage financing of new ventures | Philippe MONTEYNE, Fund+                                |
| 14:40 - 15:00 | > Affordable access to healthcare       | Jo DE COCK, NIZIV                                       |
| Break         |   |   |
| 15:30 - 17:00 | > PANEL debate                          |   |
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## MODULE 6 - Meet the expert (Campus Erasme, Brussels)

26 MARCH

### LESSONS FROM HEALTHCARE LEADERS

With networking lunch organised by HR One

9:00 - 9.30	>	Introduction by Michel GOLDMAN	12:00 -13:00	>	Jean-Pol DETIFFE, OncoDNA, Gosselies
9.30 - 10.30	>	Yves JONGEN, IBA, Louvain-la-Neuve	14.00 - 15.00	>	Emmanuel HANON, GSK, Wavre
10.30 - 11.30	>	Dimitrios TZALIS, Taros GmbH, Dortmund	15.00 - 16.00	>	Anne Danniau, UCB
			16:00 - 17:00	>	Anne-Laure DRENO, AstraZeneca, Brussels

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## WORKSHOPS

27 FEBRUARY

**Negotiating Intellectual Property agreements**

Anatole KRATTIGER, Prisma Innovations LLC, Geneva

27 MARCH

**Becoming an entrepreneur in the healthcare space**

HeeJung JUNG, Imperial College, London

Hilde STEVENS, I3h Institute, ULB