

INTERDISCIPLINARY PROGRAM IN HEALTHCARE INNOVATION

COURSES AND WORKSHOPS 2020

ULB Campus Erasme, 9:00 – 17:30

MODULE 1

14 FEBRUARY

THE FUTURE OF HEALTHCARE

- > Setting the scene: The new frontiers of medicine
- > Research and development of innovative medicines
- > The evolving mission of regulatory agencies

Michel GOLDMAN, I3h Institute, ULB

Bruno FLAMION, Namur Research Institute for Life Sciences, UNamur

Hans-Georg EICHLER, European Medicines Agency

Lunch break

- > Prevention as cornerstone of health systems
- > The impact of environment on health
- > Cell-based therapies: today and tomorrow

Lieven ANNEMANS, Department of Public Health and Primary Care, UGent

Robert BAROUKI, INSERM et Université de Paris 5

Frank LUYTEN, Skeletal Biology and Engineering Research Center, KULeuven

MODULE 2

21 FEBRUARY

REGULATION and INTELLECTUAL PROPERTY RIGHTS

- > The economics of the common good applied to health
- > Raison d'être and management of intellectual property rights
- > Challenges related to Advanced Therapy Medicinal Products

Mathias DEWATRIPONT, I3h Institute & Solvay Brussels School, ULB

Bruno VAN POTTELSBERGHE, Solvay Brussels School, ULB

Isabelle HUYS, Pharmaceutical and Pharmacological Sciences, KULeuven

Lunch break

- > How to overcome intellectual property barriers
- > Intellectual property rights and regulation for vaccines

Ellen t'HOEN University Medical Centre of Groningen

Hilde STEVENS I3h Institute, ULB

MODULE 3

6 MARCH

INNOVATION PROCESSES and TOOLS

- > Basics of industrial organization
- > Open innovation and public-private partnership
- > Young entrepreneurs as drivers of innovation

Patrick LEGROS, I3h Institute & Solvay Brussels School, ULB

Mike HARDMAN, Faculty of Pharmaceutical Medicine, UK

Azèle MATHIEU, LifeTech.Brussels

Lunch break

- > Data science, cornerstone of innovation
- > Artificial intelligence in medicine: today and tomorrow

Dipak KALRA, University College of London

Giovanni BRIGANTI, Lecturer in Medical Technology, ULB

MODULE 4

13 MARCH

ADVANCING CLINICAL CARE and PREVENTION

- > From first-in human trials to post-marketing surveillance
- > Involvement of governmental organizations in clinical trials
- > How to make clinical research patient-centric

Ingrid KLINGMANN, Pharmatrain Federation

Mattias NEYT, Belgian Health Care Knowledge Centre, KCE

Lode DEWULF, Servier

Lunch break

- > Patient-driven innovation
- > The microbiome in health and disease
- > The drivers of physician decisions

Pedro OLIVEIRA, Copenhagen Business School

Nathalie DELZENNE, Louvain Drug Research Institute, UCLouvain

Sofia AMARAL-GARCIA, I3h Institute, ULB

MODULE 5

20 MARCH

FROM SCIENCE TO BUSINESS - Lessons from healthcare leaders

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| > Yves JONGEN, IBA, Louvain-la-Neuve | | > Daniela COUTO, Biogeneration Ventures, DC Naarden |
| > Dimitrios TZALIS, Taros GmbH, Dortmund | Lunch break | > Emmanuel HANON, GSK, Wavre |
| > Jean-Pol DETIFFE, OncoDNA, Gosselies | | > Anne-Laure DRENO, AstraZeneca, Brussels |
| | | > Charlotte PETERS, HR One, Leuven |

MODULE 6

27 MARCH

THE BIG CHALLENGES

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| > Cancer research: the way forward | Cédric BLANPAIN, Laboratory of Stem Cells and Cancer, ULB |
| > Lessons from the HIV-AIDS epidemics | Michel KAZATCHKINE, UN Special Envoy for HIV/AIDS |
| > Towards a cure for type 1 diabetes? | Chantal MATHIEU, Department of endocrinology, KULeuven |

Lunch break

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| > The patient's voice: advocacy and beyond | Tamas BERECHKY, EUPATI organization |
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MASTER CLASS

Coffee break

ANNUAL LECTURE

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| Building trust in biomedical science: the Vaccine Confidence Project | Heidi LARSON |
| Lessons from Ebola: Are we ready for the next pandemic? | Peter PIOT |
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WORKSHOPS

7 MARCH

- > **Becoming an entrepreneur in the healthcare space**

HeeJung JUNG, Imperial College, London

21 MARCH

- > **Negotiating Intellectual Property agreements**

Anatole KRATTIGER, Prisma Innovations LLC, Geneva