

## **TM PROGRAM 2018**

### **5 Modules:**

#### **5 ECTS – 125-150h workload**

**5 Friday sessions** of 7h lectures = 35h lectures = 140h students' workload

+

**2 Saturday (a.m.) sessions** of 3h lectures = 6h lectures = 24h students' workload

*Total workload = 164h*

#### **Certificate (10 ECTS) - 250-300h workload**

**5 Friday sessions** of 7h lectures = 35h lectures = 140h students' workload

+

**2 Saturday (a.m.) sessions** of 3h lectures = 6h lectures = 24h students' workload

+

**3 Saturday (a.m.) workshops** of 3h = 9h workshop = 18h students' workload

+

**Case study preparation** (group work) = 64h to 114h

*Total workload = 246 to 296h*

### **Organisation:**

- Lectures on Friday (7h00) :

Morning (4h00) : 09.00 - 13.20 with 20 minutes break

Afternoon (3h00) : 14.00 - 17.20 with 20 minutes break

- Workshops on Saturday (3h00) :

Morning (3h00): 9.30 -13.00 with 20 minutes break

- Open discussions: 5 to 10 minutes after each speaker

## Inaugural Conference

<b>25 JANUARY</b>	<b><u>INAUGURAL LESSON</u> (Belgian Palace of the Academies)</b>	
<b>17:30-18:00</b>	<b>Welcome and introductory remarks</b>	<b>Michel Goldman, Mathias Dewatripont</b>
<b>18:00-18:15</b>	<b>Best Student Award</b>	
<b>18:15-19:00</b>	<b>Keynote Lecture: FROM SUPRAMOLECULAR CHEMISTRY TO HEALTH TECHNOLOGIES</b>	<b>Jean-Marie Lehn, Nobel Prize Winner</b>
<b>19:00-20:30</b>	<b>Networking reception</b>	

## SESSION 1 (Campus Erasme)

<p><b>02</b> <b>FEBRUARY</b> <i>(Friday)</i></p> <p><b>09:00-10:00</b></p> <p><b>10:00-10:30</b></p> <p><b>11:00-11:20</b></p> <p><b>11:20-13:10</b></p> <p><b>13:10-14:00</b></p> <p><b>14:00-15:20</b></p> <p><b>15:20-15:40</b></p> <p><b>15:40-17:00</b></p>	<p style="text-align: center;"><b>SETTING THE SCENE OF TRANSLATIONAL MEDICINE</b></p> <p><b>Setting the scene:</b></p> <ul style="list-style-type: none"> <li>● Introduction to the course</li> <li>● The evolution towards evidence-based, precision and preventive medicine</li> </ul> <p><b>Interdisciplinary Program in Translational Medicine – information</b></p> <p><i>Coffee Break</i></p> <p><b>The multiple steps in drug innovation:</b></p> <ul style="list-style-type: none"> <li>● Diagnostics &amp; therapeutics: drugs, vaccines, devices</li> <li>● Regulatory science: process, agencies</li> <li>● HTA &amp; Reimbursement challenges</li> </ul> <p><i>Lunch</i></p> <p><b>The basics of health systems &amp; policies</b></p> <p><i>Coffee Break</i></p> <p><b>The basics of health systems &amp; policies</b></p>	<p>Moderator: <b>Michel Goldman</b> (ULB, I<sup>3</sup>h)</p> <p><b>Michel Goldman</b> (ULB, I<sup>3</sup>h)</p> <p><b>Hilde Stevens</b> (ULB, I<sup>3</sup>h)</p> <p><b>Bruno Flamion</b> (University of Namur)</p> <p><b>Magda Rosenmöller</b> (IESE, Barcelona)</p> <p><b>Magda Rosenmöller</b> (IESE, Barcelona)</p>
<p><b>03</b> <b>FEBRUARY</b> <i>(Saturday)</i></p> <p><b>09:30-10:30</b></p> <p><b>10:30-11:45</b></p> <p><b>11:45-12:05</b></p> <p><b>12:05-13:00</b></p>	<p style="text-align: center;"><b>CLINICAL TRIALS</b></p> <p><b>Introduction to Clinical Trials</b></p> <p><b>Complexity of study design</b></p> <p><i>Coffee break</i></p> <p><b>Drug repurposing</b></p>	<p>Moderator: <b>Jean-Louis Vincent</b> (ULB)</p> <p><b>Julie Gaye</b> (Clinical Trial Service Unit, Institut Jules Bordet, ULB)</p> <p><b>Jean-Louis Vincent</b> (ULB)</p> <p><b>Gauthier Bouche</b> (Anti-Kankerfonds)</p>

## SESSION 2 (Campus Erasme)

<p><b>23 FEBRUARY</b> <i>(Friday)</i></p> <p><b>09:00-10:30</b></p> <p><b>10:30-10:50</b></p> <p><b>10:50-13:20</b></p> <p><b>13:20-14:00</b></p> <p><b>14:00-15:00</b></p> <p><b>15:00-15:55</b></p> <p><b>15:55-16:15</b></p> <p><b>16:15-17:10</b></p>	<p><b>THE DEVELOPMENT &amp; ASSESSMENT OF HEALTH TECHNOLOGIES</b></p> <p><b>The evolving role of regulatory agencies in healthcare</b></p> <ul style="list-style-type: none"> <li>• Adaptive designs</li> </ul> <p><i>Coffee break</i></p> <p><b>The importance of HTA and economic evaluations:</b></p> <ul style="list-style-type: none"> <li>• Gastro-intestinal devices</li> <li>• ATMPs</li> </ul> <p><i>Lunch</i></p> <p><b>The way to design successful medical devices</b></p> <p><b>Medical devices for gastrointestinal disorders</b></p> <p><i>Break</i></p> <p><b>Development and delivery of ATMPs</b></p>	<p>Moderator: <b>Jean-Louis Vincent</b> (ULB)</p> <p><b>Sir Alasdair Breckenridge</b> (Former Chair of the UK's Medicines and Healthcare Products Regulatory Agency)</p> <p><b>Mattias Neyt</b> (Belgian Health Care Knowledge Centre (KCE) and ME-TA)</p> <p><b>Alain Delchambre</b> (ULB)</p> <p><b>Jacques Deviere</b> (ULB)</p> <p><b>Magda Papadaki</b> (Association of the British Pharmaceutical Industry)</p>
<p><b>24 FEBRUARY</b> <i>(Saturday)</i></p> <p><b>09:30-10:10</b></p> <p><b>10:10-10:20</b></p> <p><b>10:20-11:40</b></p> <p><b>11:40-12:00</b></p> <p><b>12:00-13:00</b></p>	<p><b>INTERACTIVE WORKSHOP</b> <i>Burden of communicable &amp; non-communicable diseases</i></p> <p><b>Global burden of disease and health financing challenges</b></p> <p><b>Introductory remarks &amp; instructions</b></p> <p><b>Case study workshop</b></p> <p><i>Coffee break</i></p> <p><b>Case study presentation</b></p>	<p><b>Samia Laokri</b> (ULB)</p> <p>Coordinators: <b>Hilde Stevens</b> (ULB, I<sup>3</sup>h) <b>Mariana Igoillo</b> (ULB) <b>Samia Laokri</b> (ULB) <b>Marie Neunez</b> (ULB, I<sup>3</sup>h) <b>Marie Joelle El Hajje</b> (ULB, I<sup>3</sup>h)</p>

### SESSION 3 (Campus Erasme)

<p><b>02</b> <b>MARCH</b> <i>(Friday)</i></p> <p><b>09:00-10:15</b></p> <p><b>10:15-11:05</b></p> <p><b>11:05-11:30</b></p> <p><b>11:30-12:50</b></p> <p><b>12:50-14:00</b></p> <p><b>14:00-14:50</b></p> <p><b>14:50-15:40</b></p> <p><b>15:40-16:00</b></p> <p><b>16:00-17:00</b></p>	<p><b><i>PATIENT CENTRICITY IN THE EVOLVING HEALTH ECOSYSTEM</i></b></p> <p><b>The evolving empowerment of patients</b></p> <p><b>Therapeutic innovation: ethical perspective</b></p> <p><i>Coffee break</i></p> <p><b>The rights of the patients: biobanking, data protection, data privacy</b></p> <p><i>Lunch</i></p> <p><b>Electronic health records and mobile health</b></p> <p><b>Big Data from a societal perspective</b></p> <p><i>Coffee break</i></p> <p><b>Wearables and m-health applications</b></p>	<p>Moderator: <b>Michel Goldman</b> (ULB, I<sup>3</sup>h)</p> <p><b>Lode Dewulf</b> (Doctors of the World)</p> <p><b>Ingrid Klingmann</b> (PharmaTrain Federation)</p> <p><b>Isabelle Huys</b> (KU Leuven)</p> <p><b>Dipak Kalra</b> (European Institute for Health Records and University College of London)</p> <p><b>Hugues Bersini</b> (ULB)</p> <p><b>Mitchell Silva</b> (Esperity, ReumaNet, EUPATI BE)</p>
<p><b>03</b> <b>MARCH</b> <i>(Saturday)</i></p> <p><b>09:30-09:40</b></p> <p><b>09:40-11-10</b></p> <p><b>11:10-11:30</b></p> <p><b>11:30-12:00</b></p> <p><b>12:00-13:00</b></p>	<p><b><i>INTERACTIVE WORKSHOP</i></b> <i>Patients' oriented solutions and risks assessments</i></p> <p><b>Introductory remarks &amp; Instructions</b></p> <p><b>Case study workshop</b></p> <p><i>Coffee break</i></p> <p><b>Case study workshop</b></p> <p><b>Case study presentation</b></p>	<p>Coordinators: <b>Hilde Stevens</b> (ULB, I<sup>3</sup>h) <b>Mariana Igoillo</b> (ULB) <b>Samia Laokri</b> (ULB) <b>Marie Neunez</b> (ULB, I<sup>3</sup>h) <b>Marie Joelle El Hajje</b> (ULB, I<sup>3</sup>h)</p>

## SESSION 4 (Campus Erasme)

<p><b>16 MARCH (Friday)</b></p> <p><b>09:00-09:10</b></p> <p><b>09:10-10:40</b></p> <p><b>10:40-11:00</b></p> <p><b>11:00-12:20</b></p> <p><b>12:20-13:00</b></p> <p><b>13:00-13:50</b></p> <p><b>13:50-14:50</b></p> <p><b>14:50-15:20</b></p> <p><b>15:20-17:10</b></p>	<p><b>GLOBAL HEALTH CHALLENGES</b></p> <p><b>Introductory remarks</b></p> <p><b>Innovation and access to pharmaceuticals</b></p> <p><i>Coffee break</i></p> <p><b>Introduction to IP and innovation models in healthcare</b></p> <p><b>How does the industry promote global health?</b></p> <p><i>Lunch</i></p> <p><b>Lessons from HIV/AIDS epidemics</b></p> <p><i>Coffee break</i></p> <p><b>Economic impact of microbiota technologies on patient management:</b></p> <ul style="list-style-type: none"> <li>• Microbiota introduction</li> <li>• Diagnostic tests</li> </ul>	<p>Moderator: <b>Hilde Stevens</b> (ULB, I<sup>3</sup>h)</p> <p><b>Hilde Stevens</b> (ULB, I<sup>3</sup>h)</p> <p><b>Patrick Legros</b> (ULB)</p> <p><b>Hilde Stevens</b> (ULB, I<sup>3</sup>h)</p> <p><b>Bill Hausdorff</b> (ULB)</p> <p><b>Michel Kazatchkine</b> (UN Special Envoy on HIV/AIDS)</p> <p><b>Olivier Vandenberg</b> (ULB)</p>
<p><b>17 MARCH (Saturday)</b></p> <p><b>09:30-09:40</b></p> <p><b>09:40-11-10</b></p> <p><b>11:10-11:30</b></p> <p><b>11:30-12:30</b></p> <p><b>12:30-13:00</b></p>	<p><b>INTERACTIVE WORKSHOP</b> <i>Collaboration for innovations</i></p> <p><b>Introductory remarks &amp; Instructions</b></p> <p><b>Case study workshop</b></p> <p><i>Coffee break</i></p> <p><b>Case study presentation</b></p> <p><b>Building your Digital Health Innovation with imec.istart</b></p>	<p>Coordinators: <b>Hilde Stevens</b> (ULB, I<sup>3</sup>h) <b>Mariana Igoillo</b> (ULB) <b>Samia Laokri</b> (ULB) <b>Marie Neunez</b> (ULB, I<sup>3</sup>h) <b>Marie Joelle El Hajje</b> (ULB, I<sup>3</sup>h)</p> <p><b>Elke Giets</b> (IMEC) &amp; <b>Thomas Van der Auwermeulen</b> (IMEC, PRIDIKTIV)</p>

## SESSION 5 (Campus Erasme)

<p><b>23 MARCH</b> <i>(Friday)</i></p>	<p><b><i>ENTREPRENEURSHIP, BUSINESS and MANAGEMENT in HEALTHCARE</i></b></p>	<p>Moderator: <b>Bruno van Lierde</b> (ULB)</p>
<p><b>09:00- 9:10</b></p>	<p><b>Introductory remarks</b></p>	<p><b>Bruno van Lierde</b> (ULB)</p>
<p><b>09:10-10:00</b></p>	<p><b>Entrepreneurship in healthcare</b></p>	<p><b>Olivier Witmeur</b> (ULB)</p>
<p><b>10:00-11:30</b></p>	<p><b>Leading innovation in the healthcare sector</b></p>	<p><b>Patrick Crasson</b> (BeNovate)</p>
<p><b>11:35-11:55</b></p>	<p><i>Coffee break</i></p>	
<p><b>11:55-13:10</b></p>	<p><b>Managing for growth: the life cycle of a new venture</b></p>	<p><b>Dimitrios Tzalis</b> (Taros GmbH)</p>
<p><b>13:20-14:00</b></p>	<p><i>Lunch</i></p>	
<p><b>14:00-15:30</b></p>	<p><b>Neuroscience as a basis for effective leadership</b></p>	<p><b>Denise Bjorkman</b> (Liv, US)</p>
<p><b>15:30-15:50</b></p>	<p><i>Coffee break</i></p>	
<p><b>15:50-16:50</b></p>	<p><b>Neuroscience as a basis for effective leadership</b></p>	
<p><b>24 MARCH</b> <i>(Saturday)</i></p>	<p><b><i>EARLY STAGE FINANCING OF NEW VENTURES</i></b></p>	<p>Moderator: <b>Bruno van Lierde</b></p>
<p><b>09:30-10:30</b></p>	<p><b>Early stage financing of new ventures</b></p>	<p><b>Philippe Monteyne</b> (Fund+)</p>
<p><b>10:40-11:00</b></p>	<p><i>Coffee break</i></p>	
<p><b>11:00-13:00</b></p>	<p><b>A real world example of venture capital investment (Ogeda)</b></p>	<p><b>Alain Parthoens</b> (Vesalius Biocapital)</p>