

# 4th Human Cancer Immunology Course

Thursday October 4, 2018

Institut Jules Bordet

8:15-8:30 am **Welcome and Introduction**  
*M. Piccart, MD PhD - A. Awada, MD PhD, Institut Jules Bordet (IJB) – ULB*

## Basic Immunology

8:30-9:00 am **Innate and adaptive immune responses against tumors**  
*Sophie Lucas, MD PhD, UCL Louvain – Institut de Duve, Belgium*

9:00–9:30 am **Beyond antibody production: The important role of T cells in vaccine-induced immune responses**  
*Arnaud Marchant, MD PhD, Institute for Medical Immunology, Belgium*

9:30-10:00 am **Coffee break**

## Cancer Immunology

10:00–10:30 am **How dendritic cells and macrophages affect growth and progression in human breast cancer**  
*Christophe Caux, PhD, Léon Bérard Cancer Center, Lyon, France*

10:30–11:00 am **Reactive oxygen species : regulation of metabolism, immunity and cancer**  
*Dirk Brenner, MD PhD, Luxembourg Institute of Health, Luxembourg*

11:00-11:30 am **Epigenetics, immunity and human cancer**  
*Francois Fuks, PhD, ULB – Cancer Research Center (U-CRC), Belgium*

11:30-12:00 am **Tumor-specific neoantigens**  
*Samra Turajlic, MD, The Francis Crick Institute, London, England*

12:00-12:30 am **Primary immune deficiencies and the risk of developing cancer**  
*Jutte van der Werff ten Bosch, MD PhD, UZ Brussels, Belgium*

12:30-1:30 pm **Lunch**

Accreditation

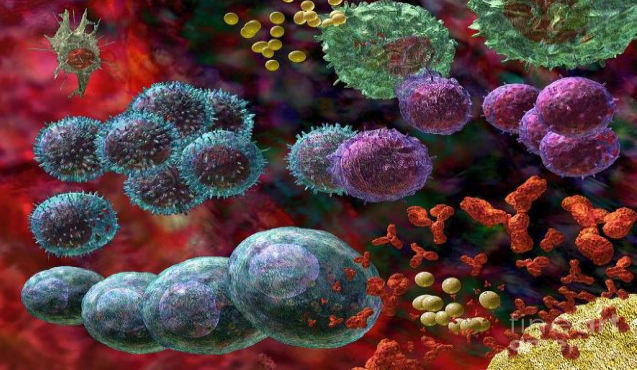
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Location:  
Pullman Brussels Centre Midi  
Place Victor Horta 1  
1060 Brussels

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## Biomarker Development for Immunotherapy

1:30-2:00 pm **The pros and cons of sample sources including blood, serum/plasma and tumor tissue (biopsy and surgical specimens)**

*Valentina Pomella, MSc, KUL, Belgium*

2:00-2:30 pm **The clinical importance of immune biomarkers in immunotherapy**

*Roberto Salgado MD PhD, Department of Pathology, GZA-ZNA, Antwerp, Belgium*

2:30-3:00 pm **A rational approach for combination therapy in human cancer using biological together with computational approaches**

*Marie-Agnès Doucey, MD PhD, UNIL/Ludwig, Lausanne, Switzerland*

3:00-3:30 pm **Coffee Break**

## Immunity and Immunotherapy in specific malignancies

3:30-4:00 pm **Checkpoint inhibitors in human hematological malignancies**

*Willemijn Hobo, PhD, Radboud, University Medical Center, Nijmegen, The Netherlands*

4:00-4:30 pm **Chronic lymphocytic leukemia cells influence on the non-malignant immune microenvironment**

*Rianne van der Windt, PhD, Amsterdam University Medical Centers, The Netherlands*

4:30-5:00 pm **Immunotherapy for pancreatic cancer**

*Daniel Olive, MD PhD, Aix Marseille University, Marseille, France (TBC)*

5:00-5:30 pm **Oncolytic viruses and immunotherapeutics for treating hematological and solid tumors**

*Janet Lei, PhD, University of Oxford, United Kingdom*

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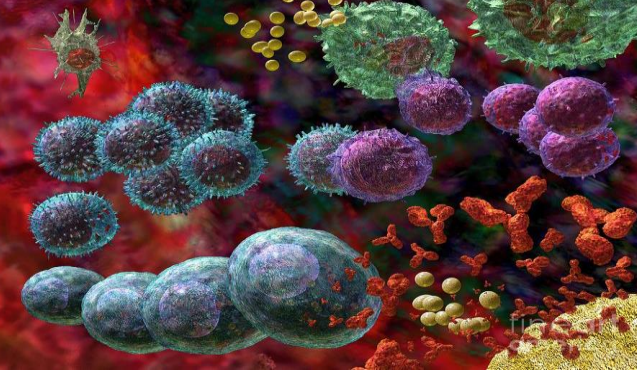
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## Mechanisms for priming the immune system for immunotherapy

- 8:30-8:45 am **Pre-treatments that prepare the immune response for priming**  
*Laurence Buisseret, MD, IJB, Belgium*
- 8:45-9:00 am **Chemotherapy and targeted therapies as priming agents**  
*François Ghiringhelli, MD PhD, Center Georges François Leclerc, Dijon, France*
- 9:00-9:15 am **Radiation as a priming agent**  
*Alex de Caluwe, MD, IJB, Belgium*
- 9:15-9:30 am **Epigenetic agents for priming**  
*Sandrine Aspeslagh, MD, IJB, Belgium*
- 9:30-10:00 am **Discussion plus leader for panel discussion (all speakers)**  
*François Ghiringhelli, MD PhD, Center Georges François Leclerc, Dijon, France*
- 10:00-10:30 am **Coffee Break**

## Combination immunotherapy clinical trials:

- 10:30-10:45 am **Chemotherapy with immunotherapy**  
*Andrea Gombos, MD, IJB, Belgium*
- 10:45-11:00 am **Targeted therapy with immunotherapy**  
*Gabriele Bergers, PhD, KUL, Belgium*
- 11:00-11:15 am **Radiation therapy with immunotherapy**  
*Evert Van Limbergen, MD PhD, MAASTRO Clinic, Maastricht, The Netherlands*
- 11:15-11:30 am **Immunotherapy in clinical research and practice:  
Lessons learned and perspectives**  
*Ahmad Awada, MD PhD, IJB, Belgium*
- 11:30-12:00 pm **Panel Discussion** led by *Ahmad Awada, MD PhD, IJB, Belgium*
- 12:00-1:00 pm **Lunch**

Accreditation

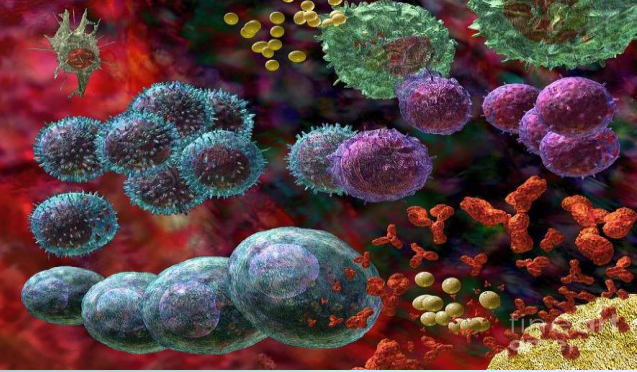
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*New directions in immunotherapy: rational design of immunotherapy trials through academic and pharmaceutical collaborations*

- 1:00-1:20 pm    **The academic viewpoint**  
*Ahmad Awada, MD PhD, IJB, Belgium*
- 1:20-1:40 pm    **The pharma viewpoint**  
*Axel Hanauske, MD PhD, Hamburg, Germany*
- 1:40-2:10 pm    **Discussion led by *Martine Piccart, MD PhD, IJB, Belgium***

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