

**5th INTERNATIONAL COURSE**  
**VIRUSES AND HUMAN CANCERS**

**Detailed program**

**Monday 08 July to Saturday 13 July 2019**

**Organizers**

**Pr. Angela SANTONI (Institut Pasteur, Rome, Italy)**

**Dr. Jean-Pierre VARTANIAN (Institut Pasteur, Paris, France)**

**Monday, 08 July 2019**

09h00-09h30	Welcome and presentation of the course	Angela Santoni and Jean-Pierre Vartanian
09h30-11h00	Virus hijacking of host innate immune responses	Angela Santoni (Institut Pasteur, Rome)
11h00-11h15	Break	
11h15-12h45	Viruses, restriction factors and cancers	Jean-Pierre Vartanian (Institut Pasteur, Paris)
12h45-14h15	Lunch	
14h15-15h30	Bibliographic seminars presentation by the tutors	Roberta Gonnella, Roberta Santarelli, Carolina Scagnolari, Silvia Piconese, Eugenio Nelson
15h30-16h30	Group Assignment	Angela Santoni, Jean-Pierre Vartanian
17h00	Welcome reception.	

**Tuesday, 09 July 2019**

09h00-10h30	Hepatocellular carcinoma: a model in oncology	Dominique Franco (Institut Pasteur, Paris)
10h30-10h45	Break	
10h45-12h15	Immunological aspects and pathogenesis of HBV and HCV associated liver damage	Vincenzo Barnaba (Institut Pasteur, Rome)
12h30-13h00	Round table: The role of viral hepatitis in hepatocellular carcinoma	Dominique Franco, Vincenzo Barnaba Moderator: Silvia Piconese
13h00-14h30	Lunch	
14h30-16h00	Human papillomaviruses and Cancers	Aldo Venuti (IFO-IRE, Rome)
16h00-16h15	Breaks	
16h15-18h00	Meeting with tutors, preparation of the seminars by the students	

### Wednesday, 10 July 2019

- 09h00-10h30 Viral oncogenesis as a subversion of viral multiplication  
Renaud Mahieux (ENS, Lyon, France)
- 10h30-10h45 Break
- 10h45-12h15 Human T Cell Leukemia: Mechanisms of Oncogenesis, Pathogenesis and Immune Evasion  
John Hiscott (Institut Pasteur, Rome)
- 12h15-14h00 Lunch
- 14h00-15h30 HIV persistence in the antiretroviral therapy era: when, where and how does HIV hide?  
Guido Antonelli (Sapienza University, Rome)
- 15h30-15h45 Break
- 15h45-17h15 Round table: Retroviruses and associated cancer  
Renaud Mahieux, John Hiscott, Guido Antonelli  
Moderator : Eugenio Nelson Cavallari
- 17h15-18h15 Meeting with tutors, preparation of the seminars by the students

### Thursday, 11 July 2019

- 09h00-10h30 Innate and adaptive immune control of oncogenic gamma-herpesviruses  
Alberto Faggioni (Sapienza Univ. Rome)
- 10h30-10h45 Break
- 10h45-12h15 Viral stress and endogenous DNA mutator enzymes  
Rodolphe Suspène (Institut Paris, Paris)
- 12h15-14h00 Lunch
- 14h00-15h30 Herpes simplex virus type 1 (HSV-1) and neurodegeneration: a side effect of cell response to infection?  
Anna Teresa Palamara (Institut Pasteur, Rome)
- 15h30-15h45 Breaks
- 15h45-17h15 Round table: Herpesviruses and persistence  
Alberto Faggioni, Rodolphe Suspène,  
Anna Teresa Palamara  
Moderator: Carolina Scagnolari

### Friday, 12 July 2019

- 09h00-10h30 Oncogenic human papillomaviruses  
Mara Torrisi (Sapienza Univ. Rome)
- 10h45-12h00 Meeting with tutors, preparation of the seminars by the students
- 12h00-14h00 Lunch
- 14h00-17h00 Meeting with tutors, preparation of the seminars by the students

**Saturday, 13 July 2019**

09h00-10h45	Bibliographic seminars presented by the students Group 1 (Papillomaviruses and cancers)
10h45-11h00	Breaks
11h00-12h45	Bibliographic seminars presented by the students Group 2 (EBV and KSHV)
12h45-14h30	Lunch
14h30-16h15	Bibliographic seminars presented by the students Group 3 (HBV and hepatocellular carcinoma)
16h15-16h30	Breaks
16h30-18h15	Bibliographic seminars presented by the students Group 4 (Retroviruses)
18h15-18h30	Breaks
18h30	Awards and dinner

**Tutors / Moderators during round tables**

**Carolina Scagnolari (HIV/antiviral immunity)**

Department of Molecular Medicine - "Sapienza" University of Rome, Italy,  
Istituto Pasteur Italia - Fondazione Cenci Bolognetti,

**Roberta Gonnella/Roberta Santarelli (EBV / KSHV)**

Department of Experimental Medicine - "Sapienza" University of Rome, Italy,  
Istituto Pasteur Italia-Fondazione Cenci Bolognetti

**Silvia Piconese (HBV / HCV)**

Department of Internal Medicine and Medical Specialties - "Sapienza" University of Rome, Italy,  
Istituto Pasteur Italia - Fondazione Cenci Bolognetti

**Eugenio Nelson Cavallari (Retroviruses / HIV)**

Department of Public Health and Infectious Diseases - "Sapienza" University of Rome, Italy,  
Istituto Pasteur Italia - Fondazione Cenci Bolognetti