

PhD Course in Inflammation, Immunity and Cancer
Teaching program, seminars and workshops XXXVI PhD cycle
AA 2020/2021, July 5-8 2021*

Speaker	Title	Date	Number of hours**	Place
Course 1: Inflammation mediators				
Carlo Laudanna	The chemokines	July 5	2h	Aula microscopi Patologia Generale
Gabriela Constantin	Leukocyte trafficking mechanisms to sites of inflammation	July 5	4h	As above
Barbara Rossi	Molecular mechanisms of T cell activation	July 5	2h	As above
Patrizia Scapini	Neutrophil-dependent mechanisms in the modulation of immune responses	July 5	2h	As above
Nicola Tammaia	The antiviral immune response	July 6	2h	As above
Marco Cassatella	The interferons	July 6	2h	As above
Elena Zenaro	Microbiota and mechanisms of immune regulation	July 6	2h	As above
Stefano Dusi	Immunity mediators and dendritic cells	July 6	2h	As above
Gabriela Constantin	Danger signals during inflammatory responses	July 6	2h	As above
Course 2: Immunotherapy in cancer and autoimmune diseases				
Vincenzo Bronte	Immunotherapy for autoimmune diseases	July 7	2h	Aula immunologia
Stefano Ugel	Tumor immunotherapy (part 1)	July 7	2h	As above
Francesco De Sanctis	Tumor immunotherapy (part 2)	July 7	2h	As above
Giuseppe Zamboni	Inflammatory bowel diseases and cancer	July 7	2h	As above

Course 3: New developments in the pathogenesis and therapy of cystic fibrosis				
Marco Cipolli	Genetic defects and pathogenesis in cystic fibrosis	July 7	1h	Aula Patologia Generale
Claudio Sorio	Host-pathogen interaction in cystic fibrosis: views in an open field	July 7	2h	As above
Paola Melotti	CFTR function evaluation for diagnosis and new therapies	July 7	2h	As above
Course 4: Updates in oncology				
Vincenzo Corbo	Intratumor heterogeneity in solid tumors: consequences	July 8	2h	Aula Oncologia Medica
Davide Melisi	Mechanisms of resistance to anticancer therapies as novel targets for gastrointestinal cancers treatment	July 8	2h	As above
Sara Pilotto	Opportunities and challenges of new therapies in lung cancer	July 8	2h	As above
Valeria Barresi	Alteration of signaling mechanisms in gliomas	July 8	2h	As above
Matteo Brunelli	Fluorescence in situ hybridization analysis (FISH) in cancer diagnostics, prognostication and predictiveness to targeted therapy	July 8	2h	As above
Claudio Luchini	Microsatellite instability in pancreatic cancer	July 8	2h	As above
Anna Calì	Fluorescence in situ hybridization on cancer: predictive markers	July 8	2h	As above

Course 5: Updates in pancreatic surgery				
Claudio Bassi	Updates in pancreatic surgery (part I)	19-21 October 2020	6h	Aula Chirurgia
Roberto Salvia	Updates in pancreatic surgery (part II)	As above	2h	Aula Chirurgia
Salvatore Paiella	Updates in pancreatic surgery (part III)	As above	2h	Aula Chirurgia
Giuseppe Malleo	Updates in pancreatic surgery (part IV)	As above	2h	Aula Chirurgia
Seminars***				
Samantha Solito	Methodological updates: Multicolor flow cytometry	June 15	2h	As above
Valentino Bezzeri	What's new in Shwachman-Diamond syndrome: the efforts accomplished by the Italian research group.	To be determined	2h	As above
Stefano Angiari, Trinity College, Dublin	The role of mitochondria in inflammation	To be determined	2h	As above
Vittorina della Bianca	Galectins in the regulation of inflammation	To be determined	2h	As above

*Didactic activity is mainly concentrated at the beginning of July. For the AA 2020/2021 will be mainly during July 5-8.

** One hour of course/seminar is meant as 45-50 min.

***Other seminars will be organized during 2020/2021.