

# Summer School Immunity Infection and Tolerance

July 6-31<sup>st</sup> 2015 LUMC Leiden The Netherlands

The research area of Immunity, Infection and Tolerance of Leiden University Medical Center organizes a Summer School in July 2015 for MSc students Biomedical Sciences and Medicine. Students interested in autoimmunity, chronic inflammation, immunotherapy, vaccination, protection against infection, chemical immunology and immune metabolism are invited to send their application to join the Summer School.

The first two weeks of the four-week Summer school are dedicated to lectures by scientists and clinicians, assignments to unravel the scientific background behind hot media topics such as Ebola and narcolepsy after vaccination, journal clubs and other group activities. Subsequently, in the last two weeks, students will visit two different research groups of their choice, each for a period of one week, to perform a laboratory experiment, prepare a scientific quiz, write a wiki page or prepare an interview. Each week is concluded with a half day symposium, to give students the opportunity to present their activities of the past week to each other.

Registration is open for MSc students Biomedical Sciences and Medicine, and BSc students Biomedical Sciences and Medicine who will finish their BSc before July 1<sup>st</sup> 2015. Students who successfully complete the course will earn 6 ECTS in the elective area. If you would like to participate to this Summer School in Immunity, Infection and Tolerance, please send your application (CV, motivation letter, BSc (and Msc) grades) before **May 1<sup>st</sup> 2015** to Dr Marieke Bax ([m.bax@lumc.nl](mailto:m.bax@lumc.nl)). Before June 1<sup>st</sup> 2015 you will be informed if you are selected to join the Summer School. For additional information about the LUMC Research profile on Immunity, Infection and Tolerance, please visit our website (<https://www.lumc.nl/research/medical-research-profiles/immunity-infection-tolerance/>).



## Provisional program

	Autoimmunity & Chronic inflammation				
	Immunotherapy & Vaccination				
	Chemical Immunology				
	Immune metabolism				
	Social program				
	Assignment chosen research group				
	Symposium				
<b>Week 1</b>					
	Mon 6 July	Tue 7 July	Wed 8 July	Thu 9 July	Fri 10 July
09:00-10:00	Introduction	Systemic autoimmune diseases (Prof Toes)	Autoimmunity and antigen-specific immunoregulation in T1D (Prof Roep, Dr Nikolic)	Asthma and COPD (Prof Hiemstra, Prof Taube)	Immune metabolism (Dr Guigas, Dr Everts, Dr Ioan-Facsinay, Prof Kuijper)
10:00-11:00	Transplantation (Prof Claas, Prof Kooten)				
11:00-12:00					
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:00	Coeliakie (Prof Koning, Dr van Bergen)	Neurology (Prof Verschuuren)	Hematologie (Dr Heemskerk)	Social program	Immune metabolism Assignment
14:00-15:00					
15:00-16:00	Statistics in Science (Prof Houwing)	Dermatology (Prof Vermeer, Dr Tensen)			
16:00-17:00					
<b>Week 2</b>					
	Mon 13 July	Tue 14 July	Wed 15 July	Thu 16 July	Fri 17 July
09:00-10:00	Vaccines by parasites	Mycobacterium, Leprosy, traveling (Prof Ottenhof, Prof Geluk, Prof Visser)	Virology (Prof Kroes, Dr Kikkert, Prof Gorbalenya)	Presentations on media topic	Chemical immunology (Dr Florea, Dr van der Stelt, Prof Neefjes, Dr van Kasteren)
10:00-11:00					
11:00-12:00	Parasites in the news				
12:00-13:00	Break	Break	Break	Break	Break
13:00-14:00					
14:00-15:00	Preparation on media topic	Preparation on media topic	Preparation on media topic	Social program	Chemical immunology Assignment
15:00-16:00					
16:00-17:00					
<b>Week 3</b>					
	Mon 20 July	Tue 21 July	Wed 22 July	Thu 23 July	Fri 24 July
09:00-10:00	First week assignment in research group of choice				
10:00-11:00					
11:00-12:00					
12:00-13:00					
13:00-14:00					
14:00-15:00					Break
15:00-16:00					Symposium
16:00-17:00					
<b>Week 4</b>					
	Mon 27 July	Tue 28 July	Wed 29 July	Thu 30 July	Fri 31 July
09:00-10:00	Second week assignment in research group of choice				
10:00-11:00					
11:00-12:00					
12:00-13:00					
13:00-14:00					
14:00-15:00					Break
15:00-16:00					Symposium
16:00-17:00					