

Event Title: **Summer School Immune modulation in human and animal infections**
 Event Dates: **July 8-12, 2019**
 Venue: **Leiden University Medical Center**

	Monday 8 July, 2019	Tuesday 9 July, 2019	Wednesday 10 July, 2019	Thursday 11 July, 2019	Friday 12 July, 2019
	Introduction to infections: the good and the bad	Molecular mechanisms of immune modulation by infectious agents	Microbiome and antimicrobial resistance	Controlled human and large animal infections	Vaccine Design and preclinical validation
8:00 - 9:00	ARRIVAL & REGISTRATION	COFFEE	COFFEE	COFFEE	COFFEE
9:00 - 9:15	<i>General Introduction to the Course</i>	General remarks	General remarks	General remarks	General remarks
9:15 - 10:15	Introduction to emerging infectious diseases (Eric Snijder, LUMC)	Innate immune responses to viruses (Marjolein Kikkert, LUMC)	Fecal transplants for infectious and immune diseases (Ed Kuijper, LUMC)	Primate Immune models (Frank Verreck, Primate center Rijswijk)	Clinical Development Overview and Controlled human infections (Meta Roestenberg, LUMC)
10:15 - 11:15	Introduction into Biodiversity & Immune priming (Maria Yazdanbakhsh, LUMC)	Molecular principles of immune modulation by helminths (Henry McSorley, Edinburgh, UK)	Dynamics of children's microbiome (Susana Fuentes Enriquez De Salamanca)	Farm Animal Disease Programs (Ynte Schukken, Wageningen & GD Animal Health)	Vaccine Delivery (Gideon Kersten, LUMC & IntraVac)
11:15 - 11:30	COFFEE/TEA	COFFEE/TEA	COFFEE/TEA	COFFEE/TEA	
11:30 - 12:30	Introduction to One Health (Marion Koopmans, Erasmus MC)	Glycan host interactions: sweet spot in the immune system? (Ron Hokke, LUMC)	Transmission of MRSA between humans and animals (Engeline van Duijkeren, RIVM)	Blueprints for healthy animals: study the function of genes and improve animal health (Christine Tait-Burkard, Edinburgh)	SITE VISIT (J&J): Zika virus vaccine development - Roland Zahn/Rozenboom: 11.30-13.00
12:30 - 13:30	LUNCH	LUNCH	LUNCH	LUNCH	LUNCH
13:30 - 14:30	Dynamics of infectious diseases (Colin Russel, AMC)		Host-directed therapies and check point modulation in infectious disease (Adriano Rossi, Edinburgh, UK)	Interactive session - Christian Giske (Karolinska, Stockholm) - AMR	Student-presentations on tutor-guided sessions
14:30 - 15:30	Introduction to tutor-guided sessions: welcome tutors and topics	Tutor-guided sessions	Self study on tutor-guided topics	Distinguished Eurolife Lecture - Christian Giske (Karolinska, Stockholm) - Bacteriophage	
15:30 - 15:45	COFFEE/TEA	COFFEE/TEA	COFFEE/TEA	COFFEE/TEA	COFFEE/TEA
15:45 - 17:30	Student self presentation* (2 slide presentations; 3 mins max/student)	Self study on tutor-guided topics	Self study on tutor-guided topics	Self study on tutor-guided topics	Certification/Farewell
17.30 - 18.30	DRINKS RECEPTION* , including poster walks				
18.30 - 20.30	*Indicate preferences for specific tutors/topics: division into tutor groups	SOCIAL PROGRAM: Pubquiz and dinner buffet	SOCIAL PROGRAM: Social debate and pizzas	Prepare presentations on tutor-guided topics	