

## EACS HIV Summer School

Monday, September 5, 2016 – Friday, September 9, 2016

La Baume Les Aix, Aix-en-Provence, France

This 5-day residential course is designed for clinicians experienced in HIV management who want an update on the current issues of all aspects of HIV medicine. It is delivered by an experienced faculty. The course consists of updates on the recent advances in current issues of HIV diagnosis, management and prevention together with core knowledge of medical statistics and clinical research methodology.

In addition to the core course consisting of plenaries in clinical and research management of HIV medicine, participants have the opportunity to choose between two parallel modules: Module A concentrates on research aspects in HIV medicine and Module B on the clinical aspects of HIV co-infections, opportunistic infections and co-morbidities.

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### PROGRAMME

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#### Monday, September 5, 2016

##### Morning

9:00-9:45	Plenary 1	Clinical	<b>Introduction to pathophysiology of HIV and viral Hepatitis</b> <i>Prof. Anna Maria Geretti (United Kingdom)</i>
9:45-10:30	Plenary 2	Clinical	<b>State of the ART of ARV Therapy</b> <i>Prof. Manuel Battegay (Switzerland)</i>
10:30-11:00			Break
11:00-11:20	Plenary 3	Research	<b>Why is research important?</b> <i>Dr. Paddy Mallon (Ireland)</i>
11:20-11:40	Plenary 4	Research	<b>Identifying the research question</b> <i>Dr. Colette Smith (United Kingdom)</i>
11:40-12:00	Plenary 5	Research	<b>Choosing the right study design</b> <i>Prof. Caroline Sabin (United Kingdom)</i>
12:00-12:30	Practical Work	Research	<b>Choosing a study design</b>
12:30-13:30			Lunch

**Afternoon**

<b>Module A - Research</b>		<b>Module B - Clinical</b>	
13:30-14:00	Mini-lecture 1 <b>Moving from an idea to a research question</b> <i>Dr. Paddy Mallon (Ireland)</i>	13:30-15:30	Working Groups (3 groups) <b>ARVs – Treatment initiation</b> <i>Prof. Manuel Battegay (Switzerland)</i> <i>Prof. Anna Maria Geretti (United Kingdom)</i> <i>Prof. Christine Katlama (France)</i> <i>Prof. Fiona Mulcahy (Ireland)</i> <i>Prof. Cristina Mussini (Italy)</i> <i>Prof. Sanjay Pujari (India)</i>
14:00-14:45	Mini-lecture 2 <b>Conducting and managing RCTs</b> <i>Prof. Caroline Sabin (United Kingdom)</i>		
14:45-15:30	Mini-lecture 3 <b>Conducting and managing observational studies</b> <i>Dr. Colette Smith (United Kingdom)</i>		
15:30-16:00	Break	15:30-16:00	Break
16:00-18:00	Working Groups (4 groups) <b>Identifying the research question and study design</b> <i>Prof. Dominique Costagliola (France)</i> <i>Ms. Sophie Jose (United Kingdom)</i> <i>Prof. Christine Katlama (France)</i> <i>Dr. Paddy Mallon (Ireland)</i> <i>Dr. Alison Rodger (United Kingdom)</i> <i>Prof. Caroline Sabin (United Kingdom)</i> <i>Dr. Colette Smith (United Kingdom)</i> <i>Prof. Linos Vandekerckhove (Belgium)</i>	16:00-18:00	Working Groups(3 groups) <b>Resistance interpretation and appropriate switch</b> <i>Dr. Sanjay Bhagani (United Kingdom)</i> <i>Prof. Stéphane De Wit (Belgium)</i> <i>Prof. Anna Maria Geretti (United Kingdom)</i> <i>Prof. Yvonne Gilleece (United Kingdom)</i> <i>Prof. Cristina Mussini (Italy)</i> <i>Prof. Fiona Mulcahy (Ireland)</i>

**Tuesday, September 6, 2016****Morning**

8:30-9:00	Country Presentations	<b>Regions: East/West Europe; Central Europe; Rest of World</b> Presented by participants
9:00-9:30	Plenary 6 <b>Research</b>	<b>P-values and hypothesis testing</b> <i>Dr. Colette Smith (United Kingdom)</i>
9:30-10:00	Plenary 7 <b>Research</b>	<b>Confidence intervals</b> <i>Prof. Caroline Sabin (United Kingdom)</i>

10:00-10:30	Practical work	Research	<b>Interpreting results from abstracts</b>
10:30-11:00			Break
11:00-11:30	Plenary 8	Clinical	<b>Opportunistic infections</b> <i>Prof. Sanjay Pujari (India)</i>
11:30-11:45	Quiz	Clinical	<b>Multiple choice on opportunistic infections</b> <i>Dr. Sanjay Bhagani (United Kingdom)</i>
11:45-12:15	Plenary 9	Clinical	<b>Renal, bone and cardiovascular co-morbidities</b> <i>Prof. Georg Behrens (Germany)</i>
12:15-12:30	Quiz	Clinical	<b>Multiple choice on renal, bone and cardiovascular co-morbidities</b> <i>Dr. Sanjay Bhagani (United Kingdom)</i>
12:30-12:45	Lecture and discussion		<b>How can collaboration between clinicians, researchers and the PLHIV community be mutually beneficial?</b> Tamás Bereczky
12:45-13:30			Lunch

**Afternoon**

Module A - Research		Module B - Clinical	
13:30-14:00	Mini-lecture 4 <b>What data should you collect?</b> <i>Ms. Sophie Jose (United Kingdom)</i>	13:30-15:30	Working Groups (3 groups) <b>ARV – Associated toxicities</b> <i>Prof. Georg Behrens (Germany)</i> <i>Prof. Stéphane De Wit (Belgium)</i> <i>Dr. Yvonne Gilleece (United Kingdom)</i> <i>Prof. Fiona Mulcahy (Ireland)</i> <i>Prof. Cristina Mussini (Italy)</i> <i>Dr. Cristiana Oprea (Romania)</i>
14:00-14:30	Mini-lecture 5 <b>Developing a CRF</b> <i>Prof. Dominique Costagliola (France)</i>		
14:30-15:00	Mini-lecture 6 <b>Building a database</b> <i>Prof. Dominique Costagliola (France)</i>		
15:00-15:30	Mini-lecture 7 <b>Checking the data</b> <i>Ms. Sophie Jose (United Kingdom)</i>		
15:30-16:00	Break	15:30-16:00	Break

16:00-18:00 Working Groups (4 groups)  
**Developing the study protocol**  
*Prof. Dominique Costagliola (France)*  
*Ms. Sophie Jose (United Kingdom)*  
*Prof. Karine Lacombe (France)*  
*Dr. Paddy Mallon (Ireland)*  
*Dr. Alison Rodger (United Kingdom)*  
*Prof. Caroline Sabin (United Kingdom)*  
*Dr. Colette Smith (United Kingdom)*  
*Prof. Linos Vandekerckhove (Belgium)*

16:00-18:00 Working Groups(3 groups)  
**Recognising and managing co-morbidities**  
*Dr. Sanjay Bhagani (United Kingdom)*  
*Prof. Georg Behrens (Germany)*  
*Prof. Stéphane De Wit (Belgium)*  
*Prof. Christine Katlama (France)*  
*Prof. Cristina Mussini (Italy)*  
*Dr. Cristiana Oprea (Romania)*

## Wednesday, September 7, 2016

### Morning

8:30-9:00	Country Presentations		<b>Regions: East/West Europe; Central Europe; Rest of World</b> Presented by participants
9:00-9:40	Plenary 10	Clinical	<b>Viral hepatitis co-infection and liver disease</b> <i>Dr. Sanjay Bhagani (United Kingdom)</i> <i>Prof. Karine Lacombe (France)</i>
9:40-10:00	Quiz	Clinical	<b>Multiple choice on viral hepatitis co-infection and liver disease</b> <i>Dr. Sanjay Bhagani (United Kingdom)</i>
10:00-10:40	Plenary 11	Clinical	<b>ARV switch, Nuc-sparing and simplification strategies 60+</b> <i>Prof. Christine Katlama (France)</i>
10:40-11:00	Quiz	Clinical	<b>Multiple choice on ARV switch, Nuc-sparing and simplification strategies 60+</b> <i>Dr. Sanjay Bhagani (United Kingdom)</i>
11:00-11:30			Break
11:30-13:00	Plenary 12	Research	<b>Setting up and managing a large study</b> <i>Dr. Alison Rodger (United Kingdom)</i> <i>Prof. Linos Vandekerckhove (Belgium)</i>
13:00-14:00			Lunch

## Thursday, September 8, 2016

### Morning

8:30-9:00	Country Presentations		<b>Regions: East/West Europe; Central Europe; Rest of World</b> Presented by participants
9:00-9:45	Plenary 13	Research	<b>What to look for in a presentation/paper</b> <i>Prof. Dominique Costagliola (France)</i>
9:45-10:30	Plenary 14	Research	<b>Identifying bias</b> <i>Prof. Caroline Sabin (United Kingdom)</i>
10:30-11:00			Break
11:00-11:45	Plenary 15	Clinical	<b>PEP &amp; PrEP</b> <i>Dr. Yvonne Gilleece (United Kingdom)</i>
11:45-12:15	Plenary 16	Clinical	<b>Malignancies in HIV Epidemiology / Clinical management (DDI)</b> <i>Prof. Stéphane De Wit (Belgium)</i>
12:15-12:30	Plenary 17	Clinical	<b>Patient monitoring</b> <i>Prof. Stéphane De Wit (Belgium)</i>
12:30-13:30			Lunch

### Afternoon

Module A - Research		Module B - Clinical	
13:30-14:30	Mini-lecture 8 <b>How big should my study be?</b> <i>Prof. Dominique Costagliola (France)</i>	13:30-15:30	Working Groups (3 groups) <b>Opportunistic infections</b> <i>Dr. Sanjay Bhagani (United Kingdom)</i> <i>Prof. Stéphane De Wit (Belgium)</i> <i>Prof. Christine Katlama (France)</i> <i>Prof. Cristina Mussini (Italy)</i> <i>Dr. Cristiana Oprea (Romania)</i> <i>Prof. Sanjay Pujari (India)</i>
14:30-15:00	Mini-lecture 9 <b>Developing an analysis plan</b> <i>Ms. Sophie Jose (United Kingdom)</i>		
15:00-15:30	Mini-lecture 10 <b>Superiority and non-inferiority studies</b> <i>Prof. Dominique Costagliola (France)</i>		
15:30-16:00	Break	15:30-16:00	Break

16:00-18:00 Working Groups (4 groups)  
**Sample size calculations, data analysis and completion of presentations**  
*Prof. Dominique Costagliola (France)*  
*Ms. Sophie Jose (United Kingdom)*  
*Prof. Karine Lacombe (France)*  
*Dr. Paddy Mallon (Ireland)*  
*Dr. Alison Rodger (United Kingdom)*  
*Prof. Caroline Sabin (United Kingdom)*  
*Dr. Colette Smith (United Kingdom)*  
*Prof. Linos Vandekerckhove (Belgium)*

16:00-18:00 Working Groups(3 groups)  
**Viral hepatitis**  
*Dr. Sanjay Bhagani (United Kingdom)*  
*Dr. Yvonne Gilleece (United Kingdom)*  
*Prof. Christine Katlama (France)*  
*Prof. Cristina Mussini (Italy)*  
*Dr. Cristiana Oprea (Romania)*  
*Prof. Sanjay Pujari (India)*

## Friday, September 9, 2016

### Morning

9:00-11:00	Presentations	<b>Research presentations</b> <i>The participants from module A present their research study</i>
11:00-11:30		Break
11:30-13:30	Presentations	<b>Clinical cases</b> <i>The participants from module B challenge the faculty with clinical cases</i>
13:30-14:00	Closing	Lunch