



## EACS HIV Summer School

Thursday, September 7, 2017 – Monday, September 11, 2017

Montpellier, 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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#### Thursday, September 7, 2017

##### Morning

9:00-9:45	Plenary 1	Clinical	<b>Introduction to pathophysiology of HIV and viral Hepatitis</b>
9:45-10:30	Plenary 2	Clinical	<b>State of the ART of ARV Therapy</b>
10:30-11:00			Break
11:00-11:20	Plenary 3	Research	<b>Why is research important?</b>
11:20-11:40	Plenary 4	Research	<b>Identifying a research question</b>
11:40-12:00	Plenary 5	Research	<b>Choosing the right study design</b>
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-plenary 1 <b>Moving from an idea to a research question</b>	13:30-15:30	Working Groups (3 groups) <b>ARVs – Treatment initiation</b>
14:00-14:45	Mini-plenary 2 <b>Conducting and managing RCTs</b>		
14:45-15:30	Mini-plenary 3 <b>Conducting and managing observational studies</b>		
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>	16:00-18:00	Working Groups (3 groups) <b>Management of unsuppressed viremia</b>

**Friday, September 8, 2017****Morning**

8:30-9:00	Plenary 6	Research	<b>P-values and hypothesis testing</b>
9:00-9:30	Plenary 7	Research	<b>Confidence intervals</b>
9:30-10:15	Practical work	Research	<b>Interpreting results from abstracts</b>
10:15-10:45			Break
10:45-11:15	Plenary 8	Clinical	<b>Optimizing ART in the suppressed patient</b>
11:15-11:30	Quiz	Clinical	<b>Opportunistic infections</b>
11:30-12:00	Plenary 9	Clinical	<b>Management and prevention of co-morbidities</b>
12:00-12:15	Quiz	Clinical	<b>Co-morbidities</b>

12:15-12:45 Lecture and discussion **What is the role & challenges for PLHIV?**

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>	13:30-15:30	Working Groups (3 groups) <b>Managing long-term viral suppression (Incl. toxicities)</b>
14:00-14:30	Mini-lecture 5 <b>Developing a CRF</b>		
14:30-15:00	Mini-lecture 6 <b>Building a database</b>		
15:00-15:30	Mini-lecture 7 <b>Checking the data</b>		
15:30-16:00	Break	15:30-16:00	Break
16:00-18:00	Working Groups (4 groups) <b>Developing the study protocol</b>	16:00-18:00	Working Groups (3 groups) <b>Recognising and managing co-morbidities</b>

## Saturday, September 9, 2017

### Morning

8:30-9:00 Plenary 10 **Clinical** **Hepatitis B / Hepatitis C**

9:00-9:15 Quiz **Clinical** **Viral Hepatitis**

9:15-9:45 Plenary 11 **Clinical** **Opportunistic infections**

9:45-10:15 Quiz **Clinical** **ARV Strategies**

10:15-10:45 Break

10:45-12:30 Plenary 12 **Research** **Developing a clinical research programme**

12:30-13:30 Lunch/ Free afternoon

## Sunday, September 10, 2017

### Morning

8:30-9:15 Plenary 13 **Research** **What to look for in a presentation/paper**

9:15-10:15 Plenary 14 **Research** **Identifying bias**

10:15-10:45 Break

10:45-11:15 Plenary 15 **Clinical** **HIV prevention strategies**

11:15-11:45 Plenary 16 **Clinical** **HIV and malignancies**

11:45-12:30 Plenary 17 **Clinical** **Science of HIV Infection**

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>	13:30-15:30	Working Groups (3 groups) <b>Viral Hepatitis</b>
14:30-15:00	Mini-lecture 9 <b>Developing an analysis plan</b>		
15:00-15:30	Mini-lecture 10 <b>Superiority and non-inferiority studies</b>		
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**

16:00-18:00 Working Groups (3 groups)  
**Opportunistic Infections**

## Monday, September 11, 2017

### Morning

9:00-11:00 Presentations

#### **Research presentations**

*The participants from module A present their research study*

11:00-11:30

Break

11:30-13:30 Clinical cases

#### **Challenge the Faculty**

13:00-13:30

Closing and Awards

13:30-

Lunch and departure