



## EACS HIV Summer School

Friday, August 30, 2019 – Tuesday, September 3, 2019

Montpellier, France

This 5-day residential course is designed for clinicians involved in HIV management who wish to deepen their knowledge about all aspects of HIV medicine and research methodology. The course is delivered by an experienced faculty of key opinion leaders in the fields of HIV clinical care and research. Teaching is based around a combination of plenary sessions, which provide updates on the recent advances in HIV clinical science and a general introduction to clinical research methodology, and interactive small working groups led by faculty members.

For the latter, participants opt to enroll either for Module A (research methodology), which provides an opportunity to delve more deeply into the complexities of developing a research proposal, or Module B (clinical care) which provides extensive opportunities to build knowledge on specific clinical aspects of antiretroviral therapy/resistance, HIV prevention, HIV co-infections, opportunistic infections and co-morbidities.

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### PRELIMINARY PROGRAMME

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#### Friday, August 30, 2019

##### Morning

8:30-9:00	Welcome & introduction		
9:00-9:30	Plenary 1	Clinical	<b>Introduction to pathophysiology of HIV</b>
9:30-10:00	Plenary 2	Clinical	<b>Drug resistance of HIV</b>
10:00-10:30	Plenary 3	Clinical	<b>State of the ART of ARV therapy</b>
10:30-11:00			Break
11:00-11:30	Plenary 4	Research	<b>Why is research important?</b>
11:30-12:00	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>	
13:30-15:30	<b>Study design</b>	13:30-15:30	Working groups (3 groups) <b>ARVs – Treatment initiation</b>
15:30-16:00	Break	15:30-16:00	Break
16:00-18:00	Working groups (3 groups) <b>Identifying the research question and study design</b>	16:00-18:00	Working groups (3 groups) <b>Management of unsuppressed viraemia/resistance</b>

**Saturday, August 31, 2019****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
10:45-11:25	Plenary 8	Clinical	<b>Optimizing ART in the suppressed patient</b>
11:25-12:05	Plenary 9	Clinical	<b>Management &amp; prevention of co-morbidities</b>
12:05-12:45	Plenary 10	Clinical	<b>HIV &amp; malignancies</b>
12:45-13:30			Lunch

**Afternoon**

<b>Module A - Research</b>		<b>Module B - Clinical</b>	
13:30-15:30	<b>Collecting data</b>	13:30-15:30	Working groups (3 groups) <b>Management of long-term ART and co-morbidities</b>
15:30-16:00	Break	15:30-16:00	Break
16:00-18:00	Working groups (3 groups) <b>Developing the study protocol</b>	16:00-18:00	Working groups (3 groups) <b>PrEP &amp; STIs</b>

**Sunday, September 1, 2019****Morning**

8:30-9:05	Plenary 11	Clinical	<b>Hepatitis B / Hepatitis C</b>
9:05-9:40	Plenary 12	Clinical	<b>Opportunistic infections</b>
9:40-10:15	Plenary 13	Clinical	<b>HIV prevention strategies</b>
10:15-10:45			Break
10:45-11:30	Plenary 14	Research	<b>Developing a clinical research programme</b>
11:30-12:15	Plenary 15	Research	<b>Modeling and health economics</b>
12:30-			Lunch and free afternoon

## Monday, September 2, 2019

### Morning

8:30-9:15	Plenary 16	Research	<b>What to look for in a presentation/paper</b>
9:15-10:15	Plenary 17	Research	<b>Identifying bias</b>
10:15-10:45			Break
10:45-12:00	Debates		<b>Clinical groups</b>
12:00-13:00			Lunch

### Afternoon

Module A - Research		Module B - Clinical	
13:00-15:00	<b>Sample size calculations and data analysis</b>	13:00-15:00	Working groups (3 groups) <b>Hepatology</b>
15:00-15:30	Break	15:00-15:30	Break
15:30-17:30	Working groups (3 groups) <b>Sample size calculations, data analysis and completion of presentations</b>	15:30-17:30	Working groups (3 groups) <b>Opportunistic infections</b>
17:30-18:00	Special session		<b>Science of HIV infection</b>

## Tuesday, September 3, 2019

### Morning

9:00-11:00	Presentations	<b>Research presentations (6 groups)</b> <i>The participants from the research module present their research study</i>
11:00-11:30		Break
11:30-13:00	Clinical & Research	<b>Quiz &amp; take home messages</b>
13:00-13:30		Closing
13:30-		Lunch and departure

The programme is subject to change.