



## PASCAR Clinical Research Training Task Force Seminar 2022

<b>Title of course:</b>	<b>Cohort Studies in Africa</b>
Type of course:	Research Methods
Location	Cape Heart Institute at the University of Cape Town, South Africa
Date	14 November 2022
Time	09:00 – 17:00
<b>Facilitators:</b>	<b>Friedrich Thienemann &amp; Mahmoud Sani on behalf of PASCAR Clinical Research Training Task Force</b>
Faculty:	Friedrich Thienemann University of Cape Town & University of Zurich
	Mahmoud Sani Bayero University Kano, Nigeria
	Sandra Mukasa University of Cape Town
	Karen Sliwa University of Cape Town
	Antoneta Mashinyira University of Cape Town
	Andre Kengne University of Cape Town & South African MRC
	Liesl Zühlke University of Cape Town & South African MRC
	Mark Engel University of Cape Town
	Ana Mocumbi Eduardo Mondlane University, Maputo, Mozambique

### Description:

Epidemiological data from Africa is lacking. Cohort studies are the most important tool to understanding the natural history of disease and associated risk factors. The course **Cohort Studies in Africa** will cover the principles of developing a research question, cohort study design, GCP and regulatory aspects, data collection, analysis, and critical evaluation. Funding opportunities and examples of pan African cohort studies will give insight into current projects on the continent.

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## Academic Programme

<b>08:30</b>	<b>Registration</b>	
<b>08:55</b>	<b>Welcome &amp; Introduction</b>	Mahmoud Sani Friedrich Thienemann
<b>Session 1</b>	<b>How to design &amp; conduct a cohort study</b>	
<b>09:00 - 10:30</b>	Developing a research question for cohort studies Hypothesis generation Definition of cohort studies An overview of different study designs	Friedrich Thienemann Friedrich Thienemann Mahmoud Sani Mahmoud Sani
<b>10:30 – 10:40</b>	<b>Tea &amp; Coffee Break</b>	
<b>Session 2</b>	<b>Regulatory aspects</b>	
<b>10:40 - 12:10</b>	Introduction of Good Clinical practice Regulatory aspects and ethics approvals General approach & ethical concepts to research in vulnerable populations Regulatory requirements & informed consent in vulnerable populations	Sandra Mukasa Sandra Mukasa Karen Sliwa Karen Sliwa
<b>12:10 – 12:50</b>	<b>Lunch Break</b>	
<b>Session 3</b>	<b>Data management &amp; analysis</b>	
<b>12:50 - 14:20</b>	Data collection and data quality management Data cleaning and basic statistical analysis Data cleaning and basic statistical analysis Interpreting data and drafting manuscripts	Antoneta Mashinyira Antoneta Mashinyira Andre Kengne Andre Kengne
<b>14:20 – 14:30</b>	<b>Tea &amp; Coffee Break</b>	
<b>Session 4</b>	<b>Funding &amp; experience form the field</b>	
<b>14:30 - 16:45</b>	Fundings opportunities for clinical research in Africa Experience from the field: multisite research in rheumatic heart diseases Experience from the field: challenges of research in Mozambique	Liesl Zühlke Marc Engels Ana Mocumbi
<b>17:00</b>	<b>Close &amp; Departure</b>	Mahmoud Sani Friedrich Thienemann

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