



**AMERICAN
UNIVERSITY OF BEIRUT**

**FACULTY OF MEDICINE
CLINICAL RESEARCH INSTITUTE**

**The Clinical Research Institute (CRI)
at the American University of Beirut (AUB)**

Essentials of Clinical Trials

CRI WORKSHOP

May 13-15, 2024

Offered in hybrid format

Beirut, Lebanon



Workshop Information

Learning Objectives

1. Differentiate and understand the different phases of clinical trials
2. Recognize the main design concepts in a clinical trial
3. Identify and develop the key statistical components for the planning of clinical trials
4. Recognize strategies and tools to launch and manage a clinical trial

Target Audience

This activity is designed for physicians in all specialties, clinical research coordinators, research associates, research assistants, and faculty members.

Date & Venue

May 13-15, 2024 from 1:00 pm to 4:00 pm Beirut Local Time.

Offered in hybrid form:

- Online via zoom
- In-person at the ACC multipurpose rooms 1 & 2

Registration Information

Registration fees	250 USD
For registrants from the following Lebanese medical institutions	125 USD
Balamand University	
Beirut Arab University (BAU)	
Holy Spirit University of Kaslik (USEK)	
Lebanese American University (LAU)	
Lebanese University (LU)	
Saint George University of Beirut (SGUB)	
Université Saint-Joseph (USJ)	
For registrants with an active AUB ID (faculty, students, trainees, and staff)	60 USD



Speakers

Lara Al Hakim, MS
Manager, Clinical Research Institute (CRI)
American University of Beirut (AUB)

May Awar Ammar, MA, DBA Candidate
Associate director, Office of Grants and Contracts/Technology Transfer Unit
AUB

Marlene Chakhtoura, MD, MSc
Assistant professor, Faculty of Medicine, AUB
Director, CRI

Abeer Dakik, MS
Biomedical Administrator
Institutional Review Board (IRB)
AUB

Jamale El-Eid, MPH, PhD Candidate
Executive Administrator
Human Research Protection Program
AUB

Aya Hammoud, MPH
Coordinator, Clinical Research Unit (CRU)
CRI, AUB

Hani Tamim, PhD
Professor, Faculty of Medicine, AUB
Director, Biostatistics Unit, CRI
College of Medicine, Alfaisal University
Riyadh, Saudi Arabia

About the speakers

Ms. Al Hakim is the manager of the Clinical Research Institute (CRI). She has a Bachelor of Science in Nursing as well as a Master of Science in Research from Université Saint-Joseph



(USJ). She is currently a PhD student in Public Health at USJ. In addition to her managerial role, Ms. Al Hakim is involved in several research projects as well as national and international collaborative projects. Ms. Al Hakim has several research papers published in international journals.

Ms. Ammar supervises the process of research (pre and post award operations), at the Office of Grants & Contracts of the American University of Beirut. She manages the Technology Transfer Unit and directs the cycle of disclosures and handles the patents' portfolios, safeguarding the institution's IP rights. She is also a Researcher on Strategic and change management practices for research management and conduct in higher education.

Dr. Chakhtoura is an Assistant Professor of Medicine at AUB. She serves as the Director of the Clinical Research Institute, and the Director of the Research Personnel and Post-Doctoral Program. She is the Assistant Director of the Scholars in HeAlth Research Program (SHARP) Summer. Dr Chakhtoura's research interest revolves around bone health/osteoporosis, obesity and the link between them. She is well published in first tier journals.

Ms. Dakik is an administrator and a full member of the Biomedical Institutional review board, where she has been working since 2009. Ms. Dakik earned her BS in Nursing and a Master's degree in Epidemiology from AUB. Her experience covers the review of at least 1000 clinical research proposals from an ethical perspective.

Ms. El-Eid is the executive administrator of Human Research Protection. She is a professional consultant in healthcare management and quality and has a passion for academics. She is a certified Project Management Professional (PMP). She is currently seeking her doctoral studies in public health with a concentration in Leadership and Global Health.

Ms. Hammoud is the Clinical Research Unit (CRU) coordinator at the CRI. She is also the coordinator of two CRI programs: the Fellowship and Residency Research Program (FRRP) and the Nursing Advancement Program (NAP). She has a Bachelor of Science in Nursing as well as a Master of Public Health from AUB.

Dr. Tamim is the Director of the Biostatistics Unit at the CRI and Professor at the Faculty of Medicine at AUB. He is also a Professor at the College of Medicine, at Alfaisal University. He earned an MPH degree from Emory University (1995) and a Doctor of Philosophy degree in Epidemiology and Biostatistics from McGill University (2003). Dr. Tamim has more than



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500 publications in peer-reviewed medical journals. His professional expertise includes, but is not limited to, research methodology, data management, analysis and reporting.



Agenda

Day	Topic	Presenter	Format
Day 1- Monday May 13, 2024			
1:00 pm – 1:20 pm	Introduction and phases of clinical trials	Marlene Chakhtoura, MD, MSc.	Didactic
1:20 pm – 1:40 pm	Trials classification		
1:40 pm – 2:10 pm	Trial design methods		
2:10 pm – 2:30 pm	<i>Break</i>		
2:30 pm – 2:40 pm	Protocol write-up and trial registration	Marlene Chakhtoura, MD, MSc.	Didactic
2:40 pm-3:40 pm	CT management process at AUB	May Ammar, MA	Didactic
3:40 pm – 4:00 pm	Q/A		
Day 2- Tuesday May 14, 2024			
1:00 pm-1:10 pm	Trial feasibility and start up	Aya Hammoud, MPH	Didactic
1:10 pm-1:20 pm	Patient retention in trials	Lara Al Hakim, MS	Didactic
1:20 pm-2:20 pm	Ethical considerations in Research	Abeer Dakik, MS	Didactic
2:20 pm-2:45 pm	Reporting and documentation in trials		
2:45 pm-3:05 pm	<i>Break</i>		
3:05 pm-3:50 pm	Site monitoring and compliance	Jamale El-Eid, MPH	Didactic
3:50 pm-4:00 pm	Q/A		
Day 3-Wednesday May 15, 2024			
1:00 pm – 2:00 pm	Descriptive statistics in clinical research	Hani Tamim, PhD	Didactic
2:00 pm – 2:30 pm	Inferential statistics in clinical research		
2:30 pm – 2:50 pm	<i>Break</i>		
2:50 pm – 3:30 pm	Statistical methods in clinical trials	Hani Tamim, PhD	Didactic
3:30 pm – 4:00 pm	Q/A		