

**BIOMEDICAL RESEARCH COURSE:
AN OUTCOME-ORIENTED HYPOTHESIS-BASED RESEARCH STUDY**

The aim of the course:

- To experience a process of developing and completing the Research Study Protocol (protocol) of participants' individual research projects using the IRIS workshop approach.
- Understanding the relation between preparing a qualified protocol and a manuscript.

PROGRAM

Wednesday 16:30 (90 minutes)

March 17	<p>Introduction:</p> <ul style="list-style-type: none"> • IRIS concept • Program of the course and training methods • Participants and their research interests
March 24	<p>Workshop #1: Significance of the study and current knowledge</p> <ul style="list-style-type: none"> • Significance of the study • Summary statement about the current knowledge of selected topic • General objective of the study • Specific hypothesis • Title of the study
April 7	<p>Workshop #1:</p> <ul style="list-style-type: none"> • Discussion on participants' texts
April 14	<p>Workshop #2: Methods I: Study Population and Outcomes</p> <ul style="list-style-type: none"> • Population considered for inclusion in the study • Specific criteria for inclusion in the study • Primary outcomes variable • Secondary outcomes variable
April 28	<p>Workshop #2:</p> <p>Discussion on participants' texts</p>
April 28	<p>Workshop #3: Methods II: Data Collection and Analysis</p> <ul style="list-style-type: none"> • Study design • Covariates • The data source and collection/ handling, data management • Basic statistics and analytical test • Sample size

May 5	Workshop #3: Discussion on participants' texts
May 19	Workshop # 4: Research Administration <ul style="list-style-type: none">• Project team members• Project plan• The potential obstacles to completion
May 26	Workshop #4: Discussion of participants' texts
June 9	<ul style="list-style-type: none">• Presentation of completed protocols and discussion• Evaluation of the course