

Progress Report Presentation

Graduate Programs in Medical Physiology
Department of Physiology
Faculty of Medicine Siriraj Hospital
Mahidol University

January 2026





Agenda

01 Research Plan and Progress Report Forms

02 Progress Report Presentation

1. Research Plan Form: Plan for next semester

1. Coursework (if any)
2. Research plan according to research questions
 - Parts of experiment to be done
3. Plan for thesis writing
 - Chapter Background XX%
 - Chapter Methodologies XX%
 - Chapter Results XX%
4. Plan for conference presentation/publication
(e.g. Grad Research Forum, Physiol Society of Thailand)

Plan for semester 1

- 1- Complete presentation of SIPS601
- 2- Recruit human subjects 50%
 - Complete real-time PCR experiment
 - Complete Western blot and ELISA experiment
- 3- 75% progress on Chapter Background of thesis
- 4- Submit abstract for International conference in USA, April 2026.

2. Research Progress Report Form

1. Make table composed of

- Refer to 1. Research Plan from, submitted/presented in previous semester
- Compare the progress in the current semester with the plan in each aspect
- If the progress does not go with the plan, explain
 - The problems, what really happened?
 - The solutions, what have been done to resolve the problem?

Plan for semester 1	Progress for semester 1
1- Complete presentation of SIPS601	- Complete presentation of SIPS601 – 100%
2- Recruit human subjects 50%	- IRB not approved – 0% - Submission of corrected version of IRB protocol as suggested
2- Complete real-time PCR experiment	- Complete real-time PCR experiment – 100%
2- Complete Western blot and ELISA experiment	- 50% complete due to insufficient primary antibody for beta-actin - Solution: Order more antibody and expect its arrival in next month
3- 75% progress on Chapter Background of thesis	- 25% progress on Chapter Background of thesis - Spending too much time with the experiment
4- Submit abstract for International conference in USA, April 2026.	- Complete the abstract submission and wait for acceptance – 100%

2. Research Progress Report Form

2. Research results generated in the current semester
 - Figure, table are shown
3. Progress on achievement of program ELOs

Achievement of ELO by Thesis Course

Level of achievement of PhD ELO		25% or introductory achievement	50%	75%	100% or full achievement
ELO1	Analyze the different concepts, theories, hypotheses related to medical physiological field of interest.				
ELO2	Conduct extensive and independent research in medical physiology that expands the frontiers of knowledge in the field of an area of interest.				
ELO3	Criticize the research work with a detailed and leading-edge knowledge of physiology in an area of interest.				
ELO4	Disseminate new insights of medical physiology to peers and the scientific community at international level.				

Achievement of ELO by Thesis Course

Level of achievement of MSc ELO	25% or introductory achievement	50%	75%	100% or full achievement
ELO1 Demonstrate the current medical physiological knowledge for common clinical application.				
ELO2 Evaluate the scientific research and major research developments.				
ELO3 Perform medical physiology research with a technique in an ethical way to test an idea or hypothesis in an area of interest.				
ELO4 Communicate knowledge and ideas of medical physiological research clearly to peers and the scientific community at national level.				



Agenda

01 Research Plan and Progress Report Forms

02 Progress Report Presentation

Progress Report Presentation

20-minute presentation



20-minute presentation

Minute	Content
0-5	<ul style="list-style-type: none"> - Background - Research question - Research aim (related to results generated after previous presentation) - Conceptual framework
5-10	Research aim and results generated after previous presentation (2. Research Progress Report Form)
11-15	Comparison of the progress in the current semester with the plan proposed in previous semester in each aspect including <ul style="list-style-type: none"> - Problems, difficulties (if any) - Solutions (if any) (2. Research Progress Report Form)
16-20	<ul style="list-style-type: none"> - Next plan (1. Research Plan Form) - Report of ELO achievement from thesis course (2. Research Progress Report Form)