# แบบประเมินรายวิชา

รมคร ๔๒๒ ปฏิบัติการวิจัย ๑

### **General Information**

About the Student:	
Name of the student:	
Student ID:	
About the Advisor:	
Name of the advisor:	
Institute:	
E-mail:	
Phone number:	

## **Project Description**

This section is to be filled in during the meeting with the advisor on the first day of the research project.

This section aims for the student and the advisor to agree on the research project's requirements and goals that should be referred to during the Research Practice I course.

Name of the Research Project:	
Name of the Department/Institute:	
The specific goal of the Research Project (Research Question):	
What is the exact role of the student in the research project?	

In the case of a group project, please specify the roles and responsibilities:		
Research ethics considerations related to the project:		
Special remarks (any point you would like to highlight can be mentioned here):		

# Student's Expectations

This section is to be filled in by the student, after meeting with his/her advisor on the first day of the research project, to set his/her expectations regarding this course's academic side.

Do you have previous research experience? If yes, briefly describe your previous experience(s)?
Have you studied the topic of your assigned research project before in class? YES ( ) NO ( ) $$
Have you done any preliminary reading/research about the topic? YES ( ) NO ( )
What are your expectations about your involvement in this research project? What do you expect from your advisor?
What do you think you will gain by taking part in this research project (personally, culturally, scientifically, etc.)?
Have you considered working in the field of medical research in your future career?

### The first period of the research period:

This section has to be filled by the student to note the progress of his/her involvement in the research project and the respective frequency of attendance.

	T	
	Number of days	
Week date	and hours a day	Summary of the tasks, techniques, and learning experience
	attended	
	atteriaca	
Month 1:		
Month 2:		

Note: The reflective writing would cover 1. Things you gain from the research practice 2. The importance of ethics in research related to human and 3. The responsibility of the researcher to humankind

#### Mid-course Appraisal:

This section is to be filled in during a meeting between the student and his/her advisor during the midperiod of the research practice I to assess the student's progress and involvement in the research project.

Instructions to the advisor:

- (1) Please go through the previously filled in log entries form to assess what the student has achieved so far;
- (2) Discuss with the student specific points or learning experiences that you find particularly interesting or important;
- (3) If the student failed to meet certain expectations/requirements, please write them down and try to clarify these aspects with him/her;
- (4) Give guidance on what you would like to see the student achieve over the remaining period. If necessary, suggest scientific literature or additional activities that could be helpful to the student.

Advisor's comments	

	Student's comments
What steps need to be taken to make better progress? How could I improve my approach?	What did I achieve/learn during the first research project period? How was my overall learning progress?
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### Last period of the research project

This section is to be filled by the student during the last period of his/her research practice I to note the progress of his/her involvement in the research project as well as the respective frequency of attendance.

	Number of days	
Week date	and hours a day	Summary of the tasks, techniques, and learning experience
	attended	
Month 3:		
Month 4:		

Note: The reflective writing would cover 1. Things you gain from the research practice 2. The
importance of ethics in research related to human and 3. The responsibility of the researcher to
humankind

#### End of Research Practice Appraisal:

This section is to be filled in during a meeting between the student and his/her advisor at the end of the research practice to assess the student's progress and involvement in the research project so far.

Instructions to the supervising tutor:

- (1) Please go through the previously filled in log entries form to assess what the student has achieved during the last two weeks and evaluate his progress comparing to the first two weeks;
- (2) Discuss with the student specific points or learning experiences that you find particularly interesting or important;
- (3) If the student failed to meet certain expectations/requirements, please write them down and give him/her constructive feedback/guidance about what he could have done better.

Supervisor's comments	

Student's comments
What did I achieve/learn during the first two weeks? How was my overall learning progress?
What steps need to be taken to make better progress? How could I improve my approach?

### General Evaluation of the Student's Performance

This section has to be filled in by his/her advisor at the end of the research practice I in order to evaluate the overall student's performance in his/her assigned research project.

Please note that for the student to fulfill the course, he/she must have at least scored as average in at least half of the boxes in the following checklist.

Professionalism	Below Averag	Average	Good	Outstanding	Truly Exceptional
Punctuality and attendance					
Professional attitude and behavior; respect					
for ethical principles					
Collaboration					
Collaboration with colleagues					
Management					
Ability to work independently					
Communication					
Communicate research results in a written					
or spoken form					
Communicate appropriately					
Erudition					
Adequate preparation for and theoretical					
knowledge in project field/topic					
Learning attitude and motivation					
Acquisition of skills and knowledge about					
project field/topic					

### General Evaluation of the Student's Performance

Has the student attended 80% of the required working hours? YES ( ) NO ( )				
Are you otherwise satisfied with the student's performance?				
<del></del>				
What is your general evaluation of the student? Do you have recommendations and areas to improve for the student?				
<del>,</del>				
Signature of the advisor:				

### Student's Feedback

This section is to be filled by the student after course completion, in order to evaluate his overall experience compared to his/her previously set expectations. Please note that this feedback is in particular about the scientific part of the course.

EXPECTATIONS:
Did the research project meet your expectations? If not, what could have been improved?
PRACTICAL SKILLS & THEORETICAL KNOWLEDGE:
Did you achieve hands-on experience and/or practical understanding? Please describe the evolution
of your skills and the new techniques and skills you have acquired.
Did you gain theoretical knowledge in this scientific field?
SCIENTIFIC OUTCOMES:
Was there a scientific outcome of your research project (poster, scientific report, presentation, etc.)?

### Student's Feedback

Do you think you will use these outcomes in your future career? Why?
PERSONAL EMPOWERMENT: What have you personally gained from this experience?
What is your opinion about medical research after this research experience?
After completing this exchange do you feel more motivated to do medical research in the future? Why?
EVALUATION OF THE LAB:  How would you describe your cooperation with your advisor? What could have been better?
LOGBOOK: Did you find this logbook helpful in your research project? Why or why not?
Any additional comments?