COURSE OBJECTIVE
Students will continue finalizing their dissertation experiments, applying problem-solving skills and maintaining a wide view of the human body function and regulation. Students will continuously receive mentorship from the IPBS junior faculty by holding a regular meeting with them: to discuss how to overcome problems as might occur in the daily experiments, and to learn the manner in which research conduct ought to be. The course also aims for the students to be able to effectively communicate orally and in writing, particularly, in articulating their research significance and objectives to wide audience both in Japanese and English.

OBJECTIVES
Upon completion of the course, students should be able to:
1. understand the basic elements of the human body as hierarchical integration and as dynamic physiology, and be able to propose current issues in medical advancement.
2. acquire ability to effectively seek solutions on various approaches
3. communicate their research contents and significance effectively in oral and written form to wide audience in Japanese and English.

REQUIREMENT·PREREQUISITE
Completion of the entire IPBS curriculum up to year two including passing the IPBS qualifying exam

CLASS PLAN
Students will continue working on their dissertation research. Students will hold a regular meeting with IPBS junior faculty to discuss about the daily experiments and research plan. Each student must present in English his/her research project in oral or poster form at a scientific meeting. By the end of the course, students should have had ample opportunities in reporting to the public about their research significance and impact on the society. The scientific meeting, official or otherwise, can vary in size or in number of attendees, as long as the audience includes scientists from another discipline.