北陸先端科学技術大学院大学研究室教育指針
Laboratory Education Guideline

研究室教育指針は、学則第３０条の３に基づき、研究指導の方法及び内容並びに修了までの研究指導の計画をあらかじめ明示するものです。
Based on the Article 30-3 of the general academic rules, the Laboratory Education Guideline is intended to clearly outline the methods and content of research guidance, as well as the plan for research guidance until completion.

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1. 研究テーマ / Research Theme

- Bio-interface regulation based on protein and genetically engineered materials
- Design of intracellular degradable polymers that modulate cellular functions
- Cellular function regulation focusing on cell membrane cholesterol and glycans

2. 修得が期待される能力 / Competencies expected to be acquired

研究室教育は必修 A 科目（先端）又は研究支援科目（融合）の一部として単位化されており、この欄はそれら科目のシラバス上の達成目標の一部となります。
Laboratory Education is accredited as a part of the Required courses A (Division of Advanced Science and Technology) or Research Support Courses (Division of Transdisciplinary Sciences), and this section constitutes a part of the course goals stated in the syllabus for such subjects.

Students will work on the development of medical materials and methods for diagnosis and treatment of diseases using synthetic polymers, proteins and cells as materials. Depending on the student's interests and background, you can select basement medical materials such as organic synthesis, genetic engineering, and biology. In addition to acquiring a high level of academic knowledge and skills in materials science and life science, students will also develop a broad perspective and wisdom that will enable them to be active anywhere as the scientist.

3. 研究指導方針 / Research Guiding Principle

Research on medical materials requires knowledge and skills in a variety of fields of study. We set up independent research themes for each student and guide them to pursue their own research with attachment and interest, while teaching them basic knowledge and techniques. In addition, we support students in acquiring the scientific thinking, writing, and expressive skills that are important for science-related human resources. We welcome you.

4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities

□日次活動 / Daily Activities： Core hours
□週次活動 / Weekly Activities： progress meeting
□月次活動 / Monthly Activities： journal club
□不定期活動 / Occasional Activities： Conference Presentation

5. 年間スケジュール / Annual Schedule

本学の全学共通の年間スケジュールは「履修案内」の「学位取得に至るスケジュール」を参照してください。（本学HP 参照：ホーム＞教育＞履修関係＞履修案内）
Please refer to the “Degree conferment schedule for the master’s program/doctoral program” in the “Degree Completion Guide” for university-wide common schedule (JAIST website: Home >Education>Taking Courses>Degree Completion Guide)

・Participation in academic conferences and symposiums (May, July, September, November, December, March)