

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
Biodegradable polymers, nanoparticles, green tea catechin, injectable gel system, sustained drug release, drug targeting, cell therapy
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.
We design, synthesize, and characterize nanoparticles and gels and evaluate whether or not the desired function is sufficient through cell experiments and animal studies. By studying a wide range of fields, you will acquire the basics of various equipments and experimental methods. By the time you complete an animal experiment, you will develop the ability to make detailed experiment plans, discussions, and presentations. It is vital to strive to achieve the research objectives, but we will teach you to acquire the ability to evaluate the experimental results fairly.
3. 研究指導方針 / Research Guiding Principle
Our motto is to operate the laboratory in a style that is close to the students. We will strive to improve students' research abilities. When conducting applied research, we will thoroughly discuss the possibility of social contribution with students and provide an opportunity for students to develop their abilities to play an active role as leaders in society. We will expand students' potential by understanding their interests, abilities and individuality. While always being aware of the world's most advanced research, our laboratory is also on the stage, creating an atmosphere where students are intensely conscious of wanting to disseminate to the world.
4. 研究室活動の内容及び方法 / Content and Methods of Laboratory Activities
<input type="checkbox"/> 日次活動 / Daily Activities : Core Time (10 : 00-17 : 00) <input type="checkbox"/> 週次活動 / Weekly Activities : Individual meetings (once a week) <input type="checkbox"/> 月次活動 / Monthly Activities : Laboratory Group Meeting (once a month), Journal Club (once a month) <input type="checkbox"/> 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)
<ul style="list-style-type: none"> ● New Student Orientation (April) ● Research Progress Report (July) ● Midterm Presentation (December)