

Category (科目区分)	Cluster of Organ Development and Regenerative Systems		
Course Title (授業科目名)	Practical training of regenerative medicine of skin		
Instructors (担当者名)	Michihiro Kono	Academic Year (配当年次)	1
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	1
Class Format (授業形態)	experimental practice		
Schedule (開講期間)	To be notified by email after completing course registration.		
Class Date/Period (開講曜日・時間)	To be notified by email after completing course registration.		

Course Outline/ Course Objectives (授業の概要・到達目標)

Course Objectives: The purpose of this course is to learn the technical knowledge and skills necessary for conducting research, presentations, and writing papers. In particular, by experimentally testing hypotheses obtained through clinical activities in the field of dermatology, we aim to develop the ability to comprehensively understand the relationship between humans and diseases and to understand the concept of research systematically, as a physician scientist.

Goals of the class: The goal is to obtain the degree of Ph.D after publishing your writing paper in an academic journal (doctoral thesis) and passing their defence.

Classoutline:

1. Dyschromatosis symmetrica hereditaria
2. Dyschromatosis universalis hereditaria
3. Reticulate acropigmentation of Kitamura and Dowling–Degos disease
4. Genes associated with atopic dermatitis
5. Genes associated with urticaria
6. Restrictive dermopathy
7. Skin diseases caused by genetic mosaicism
8. The practice of genetic diagnosis #1
9. The practice of genetic diagnosis #2
10. The practice of genetic diagnosis #3

Course Planning (授業計画)

	Course Outline/ Course Objectives (授業の概要及び到達目標) (Contents of Class) ((授業内容))	Instructor (担当教員名)	Department (講座名) Class Room [実施場所]
1	Dyschromatosis symmetrica hereditaria	Michihiro KONO	Department of dermatology and plastic surgery [Dermatology library room (4th floor of clinical research building)]
2	Dyschromatosis universalis hereditaria	Michihiro KONO	
3	Reticulate acropigmentation of Kitamura and Dowling–Degos disease	Michihiro KONO	
4	Genes associated with atopic dermatitis	Michihiro KONO	
5	Genes associated with urticaria	Michihiro KONO	
6	Restrictive dermopathy	Michihiro KONO	
7	Skin diseases caused by genetic mosaicism	Michihiro KONO	
8	The practice of genetic diagnosis #1	Michihiro KONO	
9	The practice of genetic diagnosis #2	Michihiro KONO	
10	The practice of genetic diagnosis #3	Michihiro KONO	

Grading Criteria (成績評価の基準と方法)

30 hours of lectures in the lecture room + 15 hours of self-study, 45 hours in total, will be one credit, and the evaluation will be made in consideration of the attendance status, the results of oral and written examinations, and the contents of the submitted report.

Contact Information (問い合わせ先(氏名, メールアドレス等))

Name: Michihiro Kono / E-mail: miro@med.akita-u.ac.jp

Coment (その他特記事項)

Information about courses: If you cannot attend the training due to work, such as a graduate student who is a member of society, we will adjust the schedule.

Textbooks / References: Human Molecular Genetics, 4th Edition, Medical Science International ISBN: 4895926915

Self-study content during self-study time: It is desirable to carry out preparatory learning according to the goals and lesson content.