

2022 Akita University Faculty of Medicine Syllabus

Category : 基礎医学アドバンストコース
Course Title : (Immunology)
Eligible Students : grade 2 Elective Course
Code : 71564002
Schedule : week 31 ~ week 31
Credits : 1

1. Lead Instructor

Satoshi Ishii (Professor, Department of Immunology, 6089, Office Hour: 8:30-17:00)

2. Instructors

Satoshi Ishii (Professor, Department of Immunology, 6089, Office Hour: 8:30-17:00)

Daisuke Yasuda (Lecturer, Department of Immunology, 6090, Office Hour: 8:30-17:00)

Chihiro Furumizu (Assistant Professor, Department of Immunology, 6090, Office Hour: 8:30-17:00)

3. Course Description Outline(Course Objectives)

コアカリキュラムで修得した免疫学の知識を基本にして、最近の免疫学研究のトピックスを学習する。特に生理活性脂質が関わる研究に軸を置く。

This course is based on the knowledge of immunology acquired in the core curriculum, and covers recent topics in immunology research. Particular emphasis will be placed on research involving bioactive lipids.

4. Textbook/Reference Books

5. Assessment

出席、課題の発表により行う。

Evaluation will depend on:

Participation

Individual paper analysis and presentation

6. Out of Class Study/Message

英語論文輪読を行うにあたり、前もって論文および参考文献を読んでおくこと。

Require to read the papers and references in advance of the circle reading of English papers.

Topics and Contents of class, Course Objectives						
	Class Date	Period	Class Format	Topics and Contents of class, Course Objectives	Instructors	Class Room
1	12 / 5 (Mon)	3-8	Lecture	Theme: 細胞内シグナル伝達 Intracellular signaling	Satoshi Ishii	
2	12 / 6 (Tue)	3-4	Lecture	Theme: 脂質による病態制御 Regulation of pathology by lipids	Daisuke Yasuda	
3	12 / 6 (Tue)	5-6	Lecture	Theme: 基礎医学研究と GPCR について Basic Medical Research and GPCRs	Daisuke Yasuda	
4	12 / 6 (Tue)	7-8	Lecture	Theme: 動物実験の進め方 Animal experimentation	Daisuke Yasuda	
5	12 / 7 (Wed)	3-4	Lecture	Theme: マウスの取り扱い Mouse handling	Daisuke Yasuda	
6	12 / 7 (Wed)	5-6	Lecture	Theme: 最近の免疫学研究のトピックス Topics in Immunology	Daisuke Yasuda	
7	12 / 7 (Wed)	7-8	Lecture	Theme: 基礎医学研究の実験手法 Experimental methods for basic medical research	Daisuke Yasuda	
8	12 / 8 (Thu)	3-8	Lecture	Theme: 英語論文輪読 Reading & Discussing	Satoshi Ishii	
9	12 / 9 (Fri)	3-6	Lecture	Theme: ガンと免疫系の相互作用 Interaction between cancer and the immune system	Chihiro Furumizu	