

<b>Category</b> (科目区分)	Cluster of Inflammation and immune system		
<b>Course Title</b> (授業科目名)	Otorhinolaryngology, Head & Neck Surgery		
<b>Instructors</b> (担当者名)	Takechiyo Yamada	<b>Academic Year</b> (配当年次)	1,2
<b>Required course / Elective Course</b> (必修/選択)	Elective course	<b>Credits</b> (単位数)	1
<b>Class Format</b> (授業形態)	Lecture,experimental practice		
<b>Schedule</b> (開講期間)	Students will be notified by email after completing the course registration.		
<b>Class Date/Period</b> (開講曜日・時間)	Every Friday from 18:00 to 21:30 (details of the schedule are negotiable)		
<b>Course Outline/ Course Objectives</b> (授業の概要・到達目標)			
Purpose of class: Allergic rhinitis, eosinophil sinusitis, eosinophil otitis media, which are allergic diseases of the upper respiratory tract The purpose is to understand the epidemiology and pathological mechanism in. Achievement goal of class: Allergic rhinitis, eosinophil sinusitis, eosinophils, which are allergic diseases of the upper respiratory tract The goal is to understand and explain the epidemiology and pathological mechanism of otitis media.  Class outline: Refer to the class title (lecture content) of the class plan			
<b>Course Planning</b> (授業計画)			
	<b>Course Outline/ Course Objectives</b> (授業の概要及び到達目標) ( <b>Contents of Class</b> ) (授業内容)	<b>Instructor</b> (担当教員名)	<b>Department</b> (講座名) <b>Class Room</b> [実施場所]
1	Pathophysiology and treatment of allergic rhinitis	Takechiyo Yamada	Department of Otorhinolaryngology, Head & Neck Surgery [Conference room on the 2nd floor of the clinical building]
2	Molecular function analysis and clinical research of eosinophil sinusitis	Takechiyo Yamada	
3	Hearing mechanism and hearing improvement surgery	Takechiyo Yamada	
4	Pathophysiology and treatment of laryngeal disorders	Shinsuke Suzuki	
5	Molecular-targeted therapies for otolaryngology and head and neck cancer	Shinsuke Suzuki	
6	Pathophysiology of oral cancer and endoscopic surgery	Yohei Kawasaki	
7	New Developments of Cancer Stem Cells in Otorhinolaryngology / Head and Neck Cancer	Yohei Kawasaki	
8	Nasal and rhinosinus tumor and endoscopic surgery	Toshiki Yamada	
9	Pathophysiology and treatment of sleep apnea	Kazuhiro Shiina	
10	Pathophysiology and treatment of dizziness	Ko Koizumi	
11	Recent inner ear research	Ko Koizumi	
12	Gene analysis and clinical research of sensory hearing loss	Kazuhiro Shiina	
13	Study of facial nerve paralysis and nerve reconstruction	Takechiyo Yamada	
14	Pathophysiology and remedies for salivary gland disease	Yui Miyabe	
15	Pathophysiology and treatment of head and neck trauma	Hitomi Suzuki	

**Grading Criteria** (成績評価の基準と方法)

attendance, oral exams, test, report

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

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**Coment** (その他特記事項)

Information about the course: If a graduate student who is a member of society can't attend the practice due to work, we will adjust the schedule.

Textbook/Reference Books: Otorhinolaryngology/Head and Neck Surgery Resident Manual (Igaku Shoin), New Otorhinolaryngology (Nanzan-do), Otorhinolaryngological Diseases with the Eyes (Visual series) (Bunkodo)

Out of Class Study/Message: Preparation and review in accordance with the achievement goal, topics, and contents of class are essential.