

Category (科目区分)	Research subject		
Course Title (授業科目名)	Pediatrics		
Instructors (担当者名)	Manatomo Toyono	Academic Year (配当年次)	2, 3
Required Course / Elective Course (必修/選択)	Elective Course	Credits (単位数)	15
Class Format (授業形態)	Experimental practice		
Schedule (開講期間)	notification directly by E-mail after the registration.		
Class Date/Period (開講曜日・時間)	notification directly by E-mail after the registration.		
Course Outline/ Course Objectives (授業の概要・到達目標)			
<p>Aim Acquisition of academic skills for biological experiments, presentation in meetings and congress, and publication in official journals.</p> <p>Course objectives Elucidation of molecular basis and development of treatment in hereditary diseases of children through gene analyses, linkage analysis on a family of hereditary disease, and induction of genetic disease in mice as a disease model mouse. The achievement is published in official journal, finally followed by completion of the degree.</p> <p>Course outline Understanding and elucidating molecular basis of pediatric diseases, which are caused by the genetic and environmental etiologies during the growing period with metabolic, endocrinological, cardiological, and neurological development, through the latest molecular analytical methods of biology and medicine.</p>			
Contact Information (問い合わせ先(氏名, メールアドレス等))			
Name : Manatomo Toyono / E-mail : manatomo@doc.med.akita-u.ac.jp			
Comment (その他特記事項)			
Schedule could flexibly depend on circumstance of the attendee			