

科目名	Course Title		
生物学特論 V (Special Topics in Biology V)			
学科・専攻	Department/Program	受講年次	Grade
生命理学科		2年	
授業形態	Class style	必修・選択の別	Compulsory or Elective
講義			
時間割コード	Registration code	開講期・曜日・時限	Semester, Day & Period
		秋 1 期 火曜：1 時限	
単位数	Credit	科目区分	Course type
1			

担当教員	Instructor	Vassileva Maria (ヴァシレヴァ・マリア)
所属研究室	Laboratory	G30
連絡先	Contact	mnvassileva@bio.nagoya-u.ac.jp
居室	Room	E202

講義の目的とねらい	Course purpose
<p>This course will provide students with basic vocabulary and concepts in Cell Biology. Students will familiarize themselves with biological terminology in English and will practice discussing biology concepts in English. Students will also be given opportunity to prepare presentations and present in English.</p>	
履修要件	Prerequisite
<p>None. Even students who are not confident in their English skills, but have a desire to improve them, are welcome.</p>	
履修取り下げについて	Course withdrawal
<p><可否> 可能 <条件> Students need to submit a Withdrawal Request Form to the lecturer when they have no intention of finishing the course. This can be done at any time during the course.</p>	
成績評価	Grading
<p>This course uses the S-A-B-C-F grading scale. Grading is based on written examinations, assignments and participation.</p>	
不可 (F) と欠席の基準	Criteria for "Absent" & "Fail" grades
<p>Absent: Submitted Withdrawal Request Form; Fail: failure to accumulate 60 points or more from the evaluation criteria.</p>	
関連する科目	Related courses
<p>Special Topics in Biology VI Special Topics in Biology XVII and XVIII (spring semester)</p>	
他学科学生の聴講について	About attendance from other departments
<p><可否> 可能 <条件> Anyone is welcome, including students with no prior background in biology.</p>	
教室	Class room
E131	

授業内容	Content
Introduction to cell Cell membrane - structure and functions Intracellular compartments - structure and functions in protein transport Energy generation in cells - cytoplasm, mitochondria and chloroplasts Cell signaling - uses ad major types Cytoskeleton - structure and functions Student presentations	
教科書	Textbook
Biology 2e, OpenStax (free downloadable textbook at OpenStax website: openstax.org)	
参考書	Recommended reading
Alternative sources (available at School of Science library): Campbell Biology Concepts and Connections; Reece et al.; Pearson Essential Cell Biology; Alberts <i>et al.</i> ; Norton	
連絡方法	Contact method
Students can contact the lecturer via e-mail	
その他	Remarks