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| 科目名 | Course Title |
| [春2]生物学特論 (Special Topics in Biology XVIII) | |
| 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 |
| 0655480 | 春2期 木曜：4時限 |
| 単位数 | Credit |
| 科目区分 | Course type |
| 1 | |
| 担当教員 | Instructor |
| VASSILEVA Maria(VASSILEVA Maria) | |
| 所属研究室 | Laboratory |
| 連絡先 | Contact |
| mnvassileva@bio.nagoya-u.ac.jp | |
| 居室 | Room |
| E202 | |

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| 講義の目的とねらい | Course purpose |
| <p>This course will provide students with basic vocabulary and concepts in Molecular Biology. Students will familiarize themselves with molecular biology-related terminology in English and will practice discussing biological concepts in English. Students will also have an opportunity to prepare poster presentations in English.</p> <p>Note: this course is conducted in English.</p> | |
| 履修要件 | Prerequisite |
| <p>No prerequisites.</p> <p>Even students who are not confident in their English skills, but have a desire to improve them, are welcome.</p> <p>Interest in Biology is the only requirement.</p> | |
| 履修取り下げの方法について | How to Apply for Course Withdrawal |
| <p><「履修取り下げ届」提出の要・不要 Necessity/Unnecessity to submit "Course Withdrawal Request Form"> 要 <条件等 Conditions></p> <p>Students need to submit a Withdrawal Request Form to the course instructor 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>Grading is based on attendance, written examinations (weekly quizzes), and group assignment (group poster presentation).</p> | |
| 不可 (F) と欠席 (W) の基準 | Criteria for "Absent(W)" & "Fail" grades |
| <p>Absent grade (W): submitted Withdrawal Request Form; Fail grade: failure to accumulate 60 points or more from the evaluation criteria</p> | |
| 関連する科目 | Related courses |

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| Special Topics in Biology XVII |
| 他学科学生の聴講について About attend other |
| <可否> 可能 <条件> Anyone interested in Biology is welcome, even students without a background in biology. |
| 教室 Class room |
| E131 |

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| 到達目標 Goal |
| The goals of this course are for the students to be able to: (1) Explain basic molecular biology concepts in English (2) Develop teamwork skills (3) Read and summarize biology-related texts in English |

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| 授業内容 Content |
| Course content 1. History of Genetics, Mendelian genetics 2. Structure of DNA 3. DNA Replication 4. Transcription 5. Translation 6. How genes are regulated 7. Student presentations |

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| 教科書 Textbook |
| Concepts of Biology, OpenStax (free downloadable textbook at OpenStax website: https://openstax.org/details/books/concepts-biology) |
| 参考書 Recommended reading |
| Alternative sources: Campbell Biology Concepts and Connections; Pearson. Essential Cell Biology; WW Norton. (available at School of Science library) |
| 連絡方法 Contact method |
| Students can contact the lecturer via e-mail. |
| その他 Remarks |
| This course expects active participation during class and self-directed learning outside of class. This course is conducted in English. |