

Course Subject Title (授業題目)

Molecular biology and biochemistry of extremophiles

Credits (Units) (単位数)

1

Class Work Type (授業種別)

Lecture

Year of commencement (履修開始年次)

1st year

Semester (履修期間)

Fall term

Day/Period (時間割)

(Contact the lecturer to confirm the availability of the course)

Professor (Lecturer or Instructor) (担当教員名)

SAKURABA Haruhiko

Professor (Affiliation/Research Field) (担当教員所属)

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Keyword for the subject (キーワード)

hyperthermophiles, crystal structure, heat stable enzyme, PyMol

Content and Objectives (授業テーマと目的)

The structural feature of hyperthermophilic enzymes. (This class is intended to demonstrate how to use capable molecular viewers (PyMol) for protein structure.)

Teaching Materials (教科書・参考書)

Computer projector/Printed synopsis

Students are required to bring note-type PC, if necessary.

Evaluation of Results (成績評価の方法)

Submitted paper (report) at the completion of the course