

統合生命科学特別講義Ⅶ (1単位) のお知らせ  
Special Lecture of Integrative Life Science VII (1 credit)

**講義題目 / Lecture title :**

「Virology from molecular biology to pathogenesis: the example of HIV-1」

**講師 / Lecturer :**

Fabrizio Mammano (Director of Research at INSERM,FRANCE)

**授業の概要 / Summary of the course :**

In this lecture series, we will discuss the key questions and the main approaches used in the field of virology. We will use HIV as a model virus, because the unprecedented research effort deployed on this virus has led to a deep understanding of both fundamental and clinical virology. Students will discover how the research in fundamental virology allowed the precise characterization of virus replication process and of pathogenesis, and has led to the optimization of treatment strategies.

**授業の進め方 / Style of course :**

The speaker will provide a series of thematic lectures using PPT presentations. Each lecture will be followed by a questions and answers session. A small “workshop” will be organized during which the students (divided in sub-groups) will summarize a few key articles or reviews selected by the speaker. A round table discussion will close the series of lectures.

**評価 / Evaluation :**

出席および質疑応答、実習への参加度、発表で総合的に評価する。

Students will be evaluated based on their attendance, interaction during the Q&A sessions, and on the presentation of the proposed research articles.

**日程 / Schedule :**

5月16日 (火)

13 : 00~15 : 00 HIV structure and replication.

15 : 30~17 : 30 The natural history of infection and viral pathogenesis

5月17日 (水)

10 : 30~12 : 30 Antiviral drugs and virus evolution

14 : 00~15 : 30 SEMINAR: HIV escape from type-I IFN inhibition

16 : 00~17 : 00 Treatment and prevention strategies

5月18日 (木)

13 : 00~15 : 00 Viral accessory genes and restriction factors

15 : 00~17 : 00 Students' presentations. Round table discussion.

**場所 / Room :**

伊都地区 ウエスト1号館D棟10階 W1-D-1025号室

West Zone 1, Building D, Tenth floor, Room W1-D-1025, Ito Campus

**問合せ先 / Information :**

数理生物学研究室 岩見 真吾 ( e-mail: [siwami@kyushu-u.org](mailto:siwami@kyushu-u.org) )

Asso. Prof. Shingo Iwami

\*受講希望者は、5月12日(金)までにシステム生命科学府事務室に履修の申し込みを行ってください。(システム生命科学府事務室 E-mail: [sls-jimu@sci.kyushu-u.ac.jp](mailto:sls-jimu@sci.kyushu-u.ac.jp))

If you would like to take this class, please apply in advance. Please come to SLS office or send an E-mail with your name and student ID until May 12 (Fri), 2017.

\*5月17日(水)の午後14:00~15:30は、研究セミナー (Title: HIV escape from type-I IFN inhibition) として一般公開する事にいたしますので、研究者の皆様の参加を歓迎します。