| Course number | Name of the Course | | | Japanese Name | |
|---|---|---|---|---|---|
| HE40161 | Topics in Vascular Biology | | | 血管生物学のトピックス | |
| Class | Unit | Module | Week | Time | Room |
| 3, 4 year | 1 unit | Autumn AB | intensive | intensive | 4B 119 |

Instructors（Office・Tel・email・Office hour）

Hiromi Yanagisawa, M.D., Ph.D.
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Office hours: 9:00 am -6:00 pm, accepts emails any time and communication can be made both in English and Japanese

Objectives

To provide basic knowledge and understanding of vascular biology, ranging from normal vascular development and physiology to molecular mechanisms in vascular diseases, as well as novel diagnostic and therapeutic approaches. The course aims to solicit active participation of students in lectures and journal clubs.

Language: ☑ / ☐Japanese、 ☑English、 ☐Bilingual (primarily use English)

| | Date | Name of instructor | Lecture outline |
|---|---|---|---|
| 1 | 10/10 Wed 1st | Hiromi Yanagisawa | Introduction to vascular biology |
| 2 | 10/24 Wed 1st | Hiromi Yanagisawa | Discovery of vasoactive substances (1) |
| 3 | 10/29 Mon 6th | Hiromi Yanagisawa | Discovery of vasoactive substances (2) |
| 4 | 11/8 Thr 5th | Hiromi Yanagisawa | Journal Club |
| 5 | 11/13 Tue 1st | Yoshito Yamashiro | Extracellular matrix and vessel integrity |
| 6 | 11/14 Wed 1st | Aiko Sada | Stem cell biology |
| 7 | 11/19 Mon 4th | Hiromi Yanagisawa | Angiogenesis (1) |
| 8 | 11/26 Mon 1st | Hiromi Yanagisawa | Angiogenesis (2) |
| 9 | 12/3 Mon 1st | Hiromi Yanagisawa | Brain Blood Barrier |
| 10 | 12/17 Mon 6th | Hiromi Yanagisawa | Brain Blood Barrier |

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| Levels for credit needed | Moderate to high |
| Text and materials | Will be distributed prior to the class |
| Grade evaluation | “A” (Many good comments), “B” (One or more good comments, sufficient to indicate that the paper has been read), “C” (No comments or no comments that reflect an understanding of the assignment), “F” (unexcused absence) |

Remarks :