Stem Cell Therapy

Registration Number: 01EQ132
Responsible Faculty Member: Osamu Ohneda
e-mail: oohneda@md.tsukuba.ac.jp

Outline:
In this class, students read the latest original articles on regenerative medicine and stem cell biology and perform presentation. Students are expected to understand research purpose, methods, results, and to have a discussion about significance or problem of the article.

GIO (General Instructional Objective):
The objective of this class is to learn basic knowledge and the latest research progress on regenerative medicine and stem cell biology fields by reading original articles. In addition, this class aims to improve individual ability to extract the point at issue of the article and discuss with other participants.

SBO (Specific Behavioral Objectives):
1. To be able to find and select the appropriate original article from major scientific journals by using online searching system.
2. To be able to read and understand the contents of the article, prepare document for the presentation, review the findings of the article within a limited time period.
3. To be able to understand the explanation of the presenter, ask question, and have discussion about significance of the articles or problems to be solved.
4. To be able to value the importance and scientific position of the selected articles in the related research field.

Lecture Schedule: April 18, 2019 start (Tentative)

Assignment:
Continuous search and reading of related articles to follow the latest findings on regenerative medicine and stem cell biology.
Grading Methods and Criteria:

Students are evaluated by the achievement of the objectives listed in the SBO.

Grading Criteria

A+: Superior (more than 90: top 10%)
A: Excellent (80-89: upper 20%)
B: Good (70-79)
C: Average (60-69)
D: Failure (less than 60)

Textbook:

Research articles.

Reference book:

Handbook of Stem Cells Vol1 and 2, Edited by Robert Lanza, ELSEVIER Academic Press.