Special Lecture Course by Visiting Scholar

Comparative Agricultural Studies 6 (Z008, Y006) 比較農業論特論 6

Stem Cell Biology \$\mathred{\psi}\text{minitial}\text{fine}

Every other Wednesday 3rd period (13:00-14:30), May 10 - Aug 2

5月10日-8月2日隔週水曜日3限 (13:00-14:30)

Lecture Room W 502

Visiting Associate Prof. Gabriela Durcova-Hills from Albion Innovations, UK イギリス・アルビオン・イノベーション社 (Lab of Reproductive Biology 生殖生物学研究室)



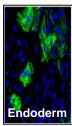
Pluripotent stem cells

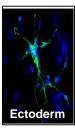


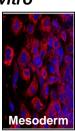
Chimeras



Differentiate in vitro



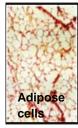




Differentiate in vivo







Course description:

Stem cells have a vast potential for numerous applications in medicine, agriculture and biotechnology. The purpose of this course is to provide students with a basic understanding of the major topics in stem cell biology. The course will provide introduction to biological aspects of stem cells and explain different types of stem cells and their sources. The course will also explain both techniques used for derivation and culture of stem cells and techniques used for stem cell analyses. Explain therapeutic applications of stem cells and related ethical aspects.

This course is for both international & Japanese students from any division. すべての専攻の留学生・日本人学生対象