

Special Seminar

To invite from Tokyo Metropolitan University, we will hold a special seminar on *in vitro* fertilization in plant

Date and Time: October 3, 2018, 14:00-15:00

Place: Training room 2, International Arid Lab, ALRC

Prof. Dr. Takashi Okamoto
(Tokyo Metropolitan University, Tokyo, Japan)



In vitro fertilization in plants

The life of sexual organisms starts from a single cell, the fertilized egg/central cell. The fertilized egg cell start to grow with cell divisions and finally gives rise to mature organism, which have different cell types, tissues and organs. Central cell produce for the nutrition for the embryo. We are consuming the final product of the fertilized egg/central cell, the seed. Manipulation of the plant fertilization is great interest for the stable food production in future. However, plant fertilization process is little understand. In this seminar, we will address fundamental and agriculturally interest of the plant fertilization with *in vitro* fertilization in plants.

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