RCAS 特別セミナー

Nov. 18, 2019 (Mon)   16:30-17:30

Venue: C301, School of Applied Biological Science

The laying hen: a model of spontaneous ovarian cancer
産卵鶏：自然発生卵巣がんのモデルとして

Animesh Barua, PhD

Associate Professor, Department of Cell & Molecular Medicine,
Rush Medical College

Absence of an effective early detection test makes ovarian cancer (OVCA) a fatal malignancy of women. OVCA, in most cases, is detected at late stages when the 5-year rates of survival of patients become <30% as opposed to the >90% if detected at early stage with the tumor is limited to the ovary. Non-specificity symptoms at early stage and the problems of access to early stage patients are significant barriers to the development of an early detection test. Thus, an animal model of spontaneous OVCA is urgently needed.

Laying hens are the only widely available and easily accessible animals that develop OVCA and leiomyoma (fibroids, a type of uterine tumor) spontaneously. This study examined the suitability of laying hen as a model to generate information on early changes associated with OVCA development and their detection to establish of an early detection test.

本セミナーは５研究科
共同セミナーです