



A Project supported by FY23 Special Coordination Fund for Promoting Science and Technology, Ministry of Education, Culture, Sports, Science & Technology
"Accelerated innovation of fostering system for female scientists"

FResHU F3 Green Symposia Series #3

Sex-determining mechanism of birds

Produced by Dr. Asato Kuroiwa

March 5th 15:00 - 17:00



at Restaurant "Elm" in Faculty House "Enreisou"
registration free

" General introduction of the sex-determining of birds "
by Asato Kuroiwa (Faculty of Science, Hokkaido University)

" Gonadal development in an avian model, the chicken embryo "
by Dr. Craig Smith (Murdoch Childrens Research Institute, Royal Children's Hospital)

The sex of birds is genetically determined, however the molecular mechanism is not clear. Dr. Smith is a leader in this research field. He and his colleagues report that a major factor of sex-determining is DMRT1 in chickens. In this symposium, he will summarize the current understanding of avian sex determination and gonadal development.

(*Nature* vol.461, 2009; *FEBS J*, vol.278, 2011)



This symposium is held as FResHU F3 Green Symposia Series promoting the fresh and active female faculties in the field of Science, Technology and Agriculture at Hokkaido University.

<http://f3project.ist.hokudai.ac.jp>

freshu@synfoster.hokudai.ac.jp



北海道大学 女性研究者支援室
Support Office for Female Researchers
In Hokkaido University