



**University of
Zurich^{UZH}**

Department of Evolutionary Biology
and Environmental Studies

SEBES Seminar for Evolutionary Biology and Environmental Studies

When males lose their fathers genome: the why and how of a remarkable reproductive system

Speaker: **Dr. Laura Ross**
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Date/Time: Thursday, 2017-10-19
15:00 to 16:00

Place: Y24-G-55/UZH Irchel
Winterthurerstr. 190; 8057 Zürich

Access: only intern

Host: Prof. Dr. Hanna Kokko

Abstract:

Under standard mendelian inheritance, individuals receive one set of chromosomes from each of their parents, and transmit one set of chromosomes to each of their offspring, without bias. However, across thousands of animal species, males systematically transmit only those chromosomes that they inherited from their father. I will discuss both how this remarkable type of reproduction evolved and what epigenetic mechanisms are involved.

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