



**University of
Zurich**^{UZH}

Department of Evolutionary Biology
and Environmental Studies

SEBES Seminar for Evolutionary Biology and Environmental Studies

The genetics and neurobiology of parental care evolution

Speaker: **Prof. Dr. Andrés Bendesky**
Columbia University, New York, USA
<https://bendeskylab.com>

Date/Time: Thursday, 2017-10-12
15:00 to 16:00

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

Access: only intern

Host: Prof. Dr. Barbara König

Abstract:

Parental care is essential for the survival of mammals, yet the mechanisms underlying its evolution remain largely unknown. I will describe the genetic architecture of parental care evolution in two closely related but behaviorally divergent species of *Peromyscus* mice. I will also present genetic and functional evidence for how variation in the hypothalamic expression of a neuropeptide contributes to differences in parental behavior between these species.

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