

BIG seminar

Biology and integrative genetics

**Monday,
November 1
17h**

**Auditorium Bâtiment Biophore
Unil-Sorge at Dorigny**

**Greg Barsh
Stanford University**



**“Genetics of color variation: model organisms
and model systems in a post-genome world.”**

For much of the last century, studying simple Mendelian traits in simple laboratory organisms has been a workhorse for genetic approaches to learn more about biology and disease. However, recent advances in sequencing technology allow genome-scale information to be obtained at an unprecedented and exponentially increasing rate, and provide opportunities to address new types of questions in new ways. I will describe recent examples applied to variation in color patterns—stripes and spots—apparent in warm-blooded animals such as cats, dogs, cheetahs, and zebras.

BIG is an initiative of the Faculty of Biology and Medicine, University of Lausanne, and is organized by Uta Paszkowski, Laurent Keller, Henrik Kaessmann and Jan Roelof van der Meer.

Info: www3.unil.ch/fbmens/reve/evenement_bigseminar_public.php contact: uta.paszkowski@unil.ch, janroelof.vandermeer@unil.ch