

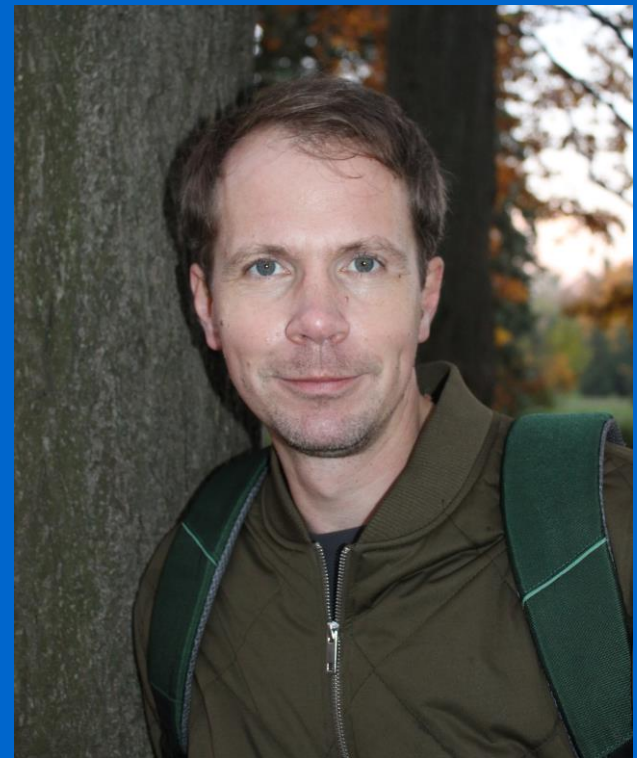
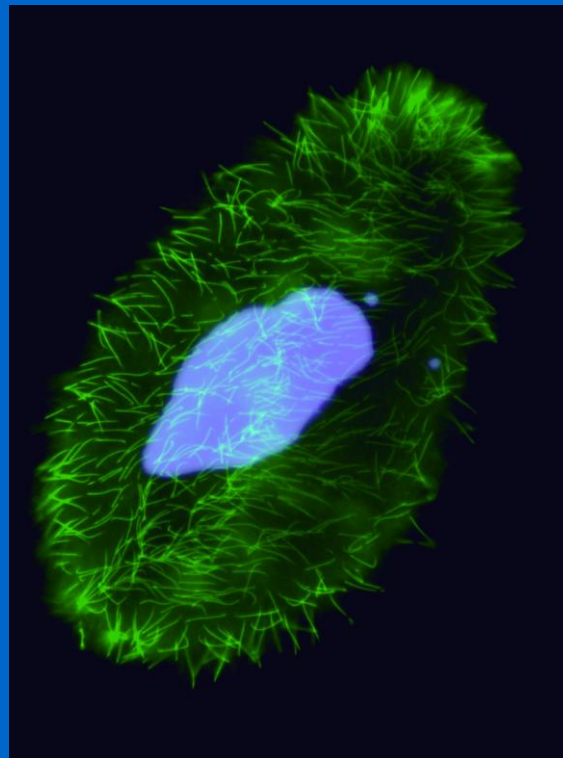
EL LABORATORIO DE PROTOZOOLOGÍA DE LA
FACULTAD DE CIENCIAS, UNAM
invita a la conferencia:

Epigenetics, genomics and speciation in *Paramecium* (Ciliophora)

impartida por el Dr. Alexey Potekhin
Faculty of Biology, Saint Petersburg State University, Russia

Miércoles 23 de enero de 2019 11:00 horas
Anfiteatro Alfredo Barrera

Paramecium is one of the best known ciliates. It includes a number of morphological species, which are always subdivided into reproductively isolated groups called syngens. As all ciliates, *Paramecium* has two types of nuclei, micronucleus and macronucleus. The genome of macronucleus is formed from the micronuclear chromosomes at every life cycle as a result of genome scanning, a precious process based on RNA interference. Genome scanning serves as a mechanism for numerous epigenetic effects in *Paramecium*, for example, maternal inheritance of mating types. Genetic and epigenetic mechanisms possibly making *Paramecium* prone for rapid speciation will be discussed.



Se expedirá constancia con valor curricular. Para registro, enviar correo a: carlosduran_88@hotmail.com



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