

IMG seminar

Emil Parvanov, PhD

The Jackson Laboratory
Bar Harbor, Maine, USA

“PRDM9 As Master Regulator Of Mammalian Recombination Hotspots”

The seminar will be held

on Wednesday 23rd September 2015 at 15:00

**in the Milan Hašek Auditorium
(IMG ASCR, Vídeňská 1083, Prague 4)**

Dr. Parvanov received his M.S. in molecular biology from University of Sofia, Bulgaria in June 2001 and his PhD in cell biology from University of Bern, Switzerland in 2006. Since then he stayed in Ken Paigen's group at The Jackson Laboratory, Bar Harbor, ME as a postdoctoral fellow and later as a research associate. Dr. Parvanov is the first author of a ground-breaking discovery of the *Prdm9* control of meiotic recombination hotspots.

Key publications:

- Parvanov ED, Petkov PM, Paigen K.: Prdm9 controls activation of mammalian recombination hotspots. *Science*. 2010 Feb 12;327(5967):835.
- Billings T, Parvanov ED, Baker CL, Walker M, Paigen K, Petkov PM: DNA binding specificities of the long zinc finger recombination protein PRDM9. *Genome Biol*. 2013 Apr 24;14(4):R35.

Further information: jforejt@img.cas.cz
