

# **CURRICULUM VITAE**

**Irina R. Arkhipova**

**Contact information:**

### Invited talks since 2012 and upcoming

02/2012 3d International Conference "Genomic impact of eukaryotic transposable elements", Asilomar, CA  
07/2012 in and Evolutio Fondation des Treilles, Tourtour, France  
08/2012 - Conference on Molecular Phylogenetics, Moscow State University, Russia  
10/2013 (Session Chair)  
04/2014 Invited seminar, Department of Ecology and Evolution, The University of Chicago, Chicago, IL  
09/2014 Invited seminar, Department of Biology, Penn State University, University Park, PA  
09/2014 - Conference on Molecular Phylogenetics, Moscow State University, Russia  
09/2015 *in silico, in vitro, in vivo*

Meeting organization:

04/2007, 09/2009, 09/2011 Northeast Mobile Genetic Element Meeting, Woods Hole, MA (with W. Reznikoff)



***b. Completed grants***

NSF: MCB-1121334 Reverse Transcriptase-Related Genes and their Biological Significance

Role: PI; Location: Marine Biological Laboratory

Duration: 2011-09-01 to 2016-09-30

MBL-UChicago collaborative grant investigation of a protein-primed reverse transcriptase

Role: PI (with Phoebe A. Rice, Co-PI); Location: Marine Biological Laboratory

Duration: 2015-02-20 to 2016-02-19.96 Tf1 0 0 1 103.58 681.1 Tm0 g0 G[(Dur)-2(ati)-3(o)] TJETQ4 0 1 169.13 64



Evgen'ev, M.B., Arkhipova, I.R. (2005). *Penelope*-like elements - a new class of retroelements: Distribution, function, and possible evolutionary significance. In: *Retrotransp*

Rodriguez F., Kenefick A.W., Arkhipova I.R. (2017). LTR retrotransposons from bdelloid rotifers capture additional ORFs shared between highly diverse retroelement types. ***Viruses***, 9 (4): E78.

Arkhipova I.R., Yushenova I.A., Rodriguez F. (2017). Giant reverse transcriptase-encoding transposable elements at telomeres. ***Mol. Biol. Evol.*** 34(9): 2245-2257.

Arkhipova, I.R. (2018). Neutral theory, transposable elements, and eukaryotic genome evolution. ***Mol. Biol. Evol.*** 35(6): 1332-1337.

Rodriguez, F., Arkhipova, I.R. (2018). Transposable elements and polyploid evolution in animals. ***Curr. Opin. Genet. Dev*** 49: 115-123.

Abrams J.M., Arkhipova I.R., Belfort M., Boeke, J.D., Curcio, M.J., Faulkner, G.J., Goodier, J.L., Lehmann, R., and Levin, H.L. (2018). Meeting report: mobile genetic elements and genome plasticity 2018. ***Mob. DNA*** 9:21.

Arkhipova, I.R., and Yushenova, I.A. (2019). Giant transposons in eukaryotes: is bigger bett