

CURRICULUM VITAE

NAME: Yuri Yasenovich Shevelyov

CURRENT POSITION: Head of Laboratory

EDUCATION

- 1982 M.Sc. in Molecular Biology, Moscow Mendeleev Chemico-Technological Institute.
1993 Ph.D. in Molecular Biology, Moscow State University, Moscow, Russia.

RESEARCH AND PROFESSIONAL EXPERIENCE

- 1982-1985 Postgraduate student, Institute of Molecular Genetics RAS, Moscow, Russia.
1985-1990 Junior Researcher, Institute of Molecular Genetics, RAS, Moscow, Russia.
1990-1995 Researcher, Institute of Molecular Genetics, RAS, Moscow, Russia.
1994 Research Fellow, Laboratory of Cellular and Molecular Genetics, University of P. and M. Curi, Paris, France.
1995-1999 Senior Researcher, Institute of Molecular Genetics, RAS, Moscow, Russia.
1995, 1996, 1997 Visiting Researcher, Department of Genome Cartography, Genset, Paris, France.
1998 Visiting Researcher, Institute of Biochemistry, Odense University, Odense, Denmark.
1999- present Head of Laboratory, Institute of Molecular Genetics, RAS, Moscow, Russia.

SELECTED PUBLICATIONS

Shevelyov Y.Y., Balakireva M.D., Gvozdev V.A. (1989) Heterochromatic regions in different *Drosophila melanogaster* stocks contain similar arrangements of moderate repeats with inserted *copia*-like elements (*mdg1*). **Chromosoma** 98:117-122.

Balakireva M.D., Shevelyov Y.Y., Nurminsky D.I., Gvozdev V.A., Livak K.J. (1992) Structural organization and diversification of Y-linked sequences comprising *Su(Ste)* genes in *Drosophila melanogaster*. **Nucleic Acids Res.** 20:3731-3736.

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Nurminsky D.I., Shevelyov Y.Y., Nuzhdin S.V., Gvozdev V.A. (1994) Structure, molecular evolution and maintenance of copy number of extended repeated structures in the X-heterochromatin of *Drosophila melanogaster*. **Chromosoma** 103:277-285.

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Nurminsky D.I., Nurminskaya M.V., Benevolenskaya E.V., Shevelyov Y.Y., Hartl D.L., Gvozdev V.A. (1998) Cytoplasmic dynein intermediate-chain isoforms with different targeting properties created by tissue-specific alternative splicing. **Mol. Cell. Biol.** 18:6816-6825.

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Boutanaev A.M., Kalmykova A.I., Shevelyov Y.Y., Nurminsky D.I. (2002). Large clusters of co-expressed genes in the *Drosophila* genome. **Nature** 420:666-669.

Kalmykova A.I., Nurminsky D.I., Ryzhov D.V., Shevelyov Y.Y. (2005) Regulated chromatin domain comprising cluster of co-expressed genes in *Drosophila melanogaster*. **Nucleic Acids Res.** 33:1435-1444.

Shevelyov Y.Y., Lavrov S.A., Mikhaylova L.M., Nurminsky I.D., Kulathinal R.J., Egorova K.S., Rozovsky Y.M., Nurminsky D.I. (2009) The B-type lamin is required for somatic repression of testis-specific gene clusters. **Proc. Natl. Acad. Sci. USA** 106:3282-3287.

Shevelyov Y.Y., Nurminsky D.I. (2012) The nuclear lamina as a gene-silencing hub. **Curr. Issues Mol. Biol.** 14:27-38.

Milon B.C., Cheng H., Tselebrovsky M.V., Lavrov S.A., Nenasheva V.V., Mikhaleva E.A., Shevelyov Y.Y., Nurminsky D.I. (2012) Role of histone deacetylases in gene regulation at nuclear lamina. **PLoS One** 7:e49692.

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Ulianov S.V., Shevelyov Y.Y., Razin S.V. (2016) Lamina-associated chromatin in the context of the mammalian genome folding. **Biopolymers Cell** 32:327-333.

Ilyin A.A., Ryazansky S.S., Doronin S.A., Olenkina O.M., Mikhaleva E.A., Yakushev E.Y., Abramov Y.A., Belyakin S.N., Ivankin A.V., Pindyurin A.V., Gvozdev V.A., Klenov M.S., Shevelyov Y.Y. (2017) Piwi interacts with chromatin at nuclear pores and promiscuously binds nuclear transcripts in *Drosophila* ovarian somatic cells. **Nucleic Acids Res.** 45:7666-7680.