


**СПИСОК ПУБЛИКАЦИЙ ОППОНЕНТА Д.Б.Н. ГОЛОВНИНА А.К.  
ПО ТЕМЕ ОППОНИРУМОЙ ДИССЕРТАЦИИ**

1. Proximity-dependent biotin labelling reveals CP190 as an EcR/Usp molecular partner. Mazina MY, Ziganshin RH, Magnitov MD, **Golovnin AK**, Vorobyeva NE. Sci Rep. 2020 Mar 16;10(1):4793. doi: 10.1038/s41598-020-61514-0.
2. The BEAF-32 Protein Directly Interacts with Z4/putzig and Chriz/Chromator Proteins in *Drosophila melanogaster*. Melnikova LS, Molodina VV, Kostyuchenko MV, Georgiev PG, **Golovnin AK**. Dokl Biochem Biophys. 2021 May;498(1):184-189. doi: 10.1134/S1607672921030066. Epub 2021 Jun 29
3. The Functions and Mechanisms of Action of Insulators in the Genomes of Higher Eukaryotes. Melnikova LS, Georgiev PG, **Golovnin AK**. Acta Naturae. 2020 Oct-Dec;12(4):15-33. doi: 10.32607
4. The same domain of Su(Hw) is required for enhancer blocking and direct promoter repression. Melnikova L, Elizar'ev P, Erokhin M, Molodina V, Chetverina D, Kostyuchenko M, Georgiev P, **Golovnin A**. Sci Rep. 2019 Mar 29;9(1):5314. doi: 10.1038/s41598-019-41761-6.
5. The Chriz Protein Promotes the Recruitment of the Z4 Protein to the STAT-Dependent Promoters. Melnikova LS, Kostyuchenko MV, Georgiev PG, **Golovnin AK**. Dokl Biochem Biophys. 2020 Jan;490(1):29-33. doi: 10.1134/S1607672920010111. Epub 2020 Apr 27.
6. HIPPI1 stabilizes the interaction between CP190 and Su(Hw) in the *Drosophila* insulator complex. Melnikova L, Molodina V, Erokhin M, Georgiev P, **Golovnin A**. Sci Rep. 2019 Dec 13;9(1):19102. doi: 10.1038/s41598-019-55617-6.
7. Activation of Su(Hw)-Controlled Genes Is Associated with Increase in GAF Binding. Elizar'ev PV, Chetverina DA, Melnikova LS, Srivastava A, Mishra RK, **Golovnin AK**, Georgiev PG, Erokhin MM. Dokl Biochem Biophys. 2019 Sep;488(1):293-295. doi: 10.1134/S1607672919050016. Epub 2019 Nov 25 

8. Studying Interactions between the Mod(mdg4)-67.2 Protein and Other Mod(mdg4) Isoforms in the Embryonic Cells of *Drosophila melanogaster*. Kostyuchenko MV, Melnikova LS, Georgiev APG, **Golovnin AK**. Dokl Biochem Biophys. 2019 May;486(1):175-180. doi: 10.1134/S1607672919030049. Epub 2019 Jul 31.
  
9. Interactions between BTB domain of CP190 and two adjacent regions in Su(Hw) are required for the insulator complex formation. Melnikova L, Kostyuchenko M, Molodina V, Parshikov A, Georgiev P, **Golovnin A**. Chromosoma. 2018 Mar;127(1):59-71. doi: 10.1007/s00412-017-0645-6. Epub 2017 Sep 22.
  
10. Role of Su(Hw) zinc finger 10 and interaction with CP190 and Mod(mdg4) proteins in recruiting the Su(Hw) complex to chromatin sites in *Drosophila*. Melnikova L, Kostyuchenko M, Parshikov A, Georgiev P, **Golovnin A**. PLoS One. 2018 Feb 23;13(2):e0193497. doi: 10.1371/journal.pone.0193497. eCollection 2018. PMID: 29474480 Free PMC article.
  
11. The Role of GC-Rich Sequences from the Promoter Region of the *Drosophila melanogaster* yellow Gene in the Enhancer- Dependent Activation of Transcription. Kostyuchenko MV, **Golovnin AK**, Georgiev PG, Melnikova LS. Dokl Biochem Biophys. 2018 Sep;482(1):255-260. doi: 10.1134/S1607672918050071. Epub 2018 Nov 5.