

GENI I PONAŠANJE ŽIVOTINJA (Bihevioralna genetika)

Predavanje ([mky](#) format)

Predavanje ([pdf](#) - otvara se u "full screen" modalitetu)

Za učenje:

1. Poglavlje "Genetic Analysis of Behavior" udžbenika: J. Goodenough, B. McGuire, E. Jakob: "*Perspectives on Animal Behavior, 3rd ed.*" (J. Wiley & Sons, 2010, ISBN 9780470045176) – izvrstan uvod u bihevioralnu genetiku, pokusima koji su je definirali kao zasebnu granu, kao i o budućim smjernicama njenog razvoja
2. Poglavlje "Behavioral Genetics" udžbenika: M. D. Breed, J. Moore: "*Animal Behavior, 2nd ed.*" (Elsevier/Academic Press, 2016, ISBN 9780128015322)

Radovi:

"Behavioural Genetics Survival Kit" može se skinuti [odavde](#).

Neke istraživačke skupine:

Marla Sokolowski - <https://sokolowski.eeb.utoronto.ca/marla-sokolowski/>

Yehuda Ben-Shahar - <https://sites.wustl.edu/benshahary/>

Gene Robinson - <https://mcb.illinois.edu/faculty/profile/generobi/>

Claudio Mello - <https://www.ohsu.edu/people/claudio-v-mello-md-phd>

David Clayton - <https://www.qmul.ac.uk/sbcs/staff/davidclayton.html>

Larry Young - <https://www.larryjyoung.com/>

Michael Greenberg - <http://greenberg.hms.harvard.edu/>

Michael Meaney - <https://douglas.research.mcgill.ca/michael-meaney>

Pojmovi s predavanja:

https://en.wikipedia.org/wiki/Behavioural_genetics

https://en.wikipedia.org/wiki/Selective_breeding

<https://en.wikipedia.org/wiki/Genomics>

<https://en.wikipedia.org/wiki/Proteomics>

https://en.wikipedia.org/wiki/Inbred_strain

<https://en.wikipedia.org/wiki/Sociogenomics>

https://en.wikipedia.org/wiki/Genetics_of_social_behavior

[https://en.wikipedia.org/wiki/Rutabaga_\(gene\)](https://en.wikipedia.org/wiki/Rutabaga_(gene))

<https://en.wikipedia.org/wiki/Dunce>

[https://en.wikipedia.org/wiki/CGMP-](https://en.wikipedia.org/wiki/CGMP-dependent_protein_kinase#Behavioral_genetics_in_Drosophila_melanogaster)

[dependent_protein_kinase#Behavioral_genetics_in_Drosophila_melanogaster](https://en.wikipedia.org/wiki/CGMP-dependent_protein_kinase#Behavioral_genetics_in_Drosophila_melanogaster)

https://wormbase.org/species/c_elegans/gene/WBGene00001173#0-9f-10

<https://en.wikipedia.org/wiki/Vitellogenin>

<https://en.wikipedia.org/wiki/EGR1>

https://en.wikipedia.org/wiki/Vasopressin#Animal_studies

https://en.wikipedia.org/wiki/Knockout_mouse

<https://en.wikipedia.org/wiki/Epigenetics>

https://en.wikipedia.org/wiki/Behavioral_epigenetics

https://en.wikipedia.org/wiki/Glucocorticoid_receptor



Životinje spomenute u predavanju:

https://en.wikipedia.org/wiki/Araneus_diadematus
https://en.wikipedia.org/wiki/Paradise_fish
https://en.wikipedia.org/wiki/Laboratory_mouse
https://en.wikipedia.org/wiki/Prairie_vole
https://en.wikipedia.org/wiki/Meadow_vole
https://en.wikipedia.org/wiki/Laboratory_rat
<https://en.wikipedia.org/wiki/Paramecium>
https://en.wikipedia.org/wiki/Drosophila_melanogaster
https://en.wikipedia.org/wiki/Red_harvester_ant
https://en.wikipedia.org/wiki/Western_honey_bee
https://en.wikipedia.org/wiki/Caenorhabditis_elegans
https://en.wikipedia.org/wiki/Astatotilapia_burtoni
https://en.wikipedia.org/wiki/Zebra_finch

Za one koji žele znati više:

R. R. H. Anholt, T. Mackay: "Principles in Behavioral Genetics", Elsevier/Academic Press, 2009, ISBN: 9780123725752 ([poveznica](#)) (pristupljeno 3.4.2021.)

J. Dubnau (ed.): "Behavioral Genetics of the Fly (*Drosophila melanogaster*)", Cambridge University Press, 2014, ISBN: 9780511920585 ([poveznica](#)) (pristupljeno 3.4.2021.)

W. E. Crusio, F. Sluyter, R. T. Gerlai, S. Pietropaolo (eds.): "Behavioral Genetics of the Mouse Vol. 1: Genetics of Behavioral Phenotypes", Cambridge University Press, 2013, ISBN: 9781107034815 ([poveznica](#)) (pristupljeno 3.4.2021.)

S. Pietropaolo, F. Sluyter, W. E. Crusio (eds.): "Behavioral Genetics of the Mouse Vol. 2: Genetic Mouse Models of Neurobehavioral Disorders", Cambridge University Press, 2014, ISBN: 9781107044456 ([poveznica](#)) (pristupljeno 3.4.2021.)