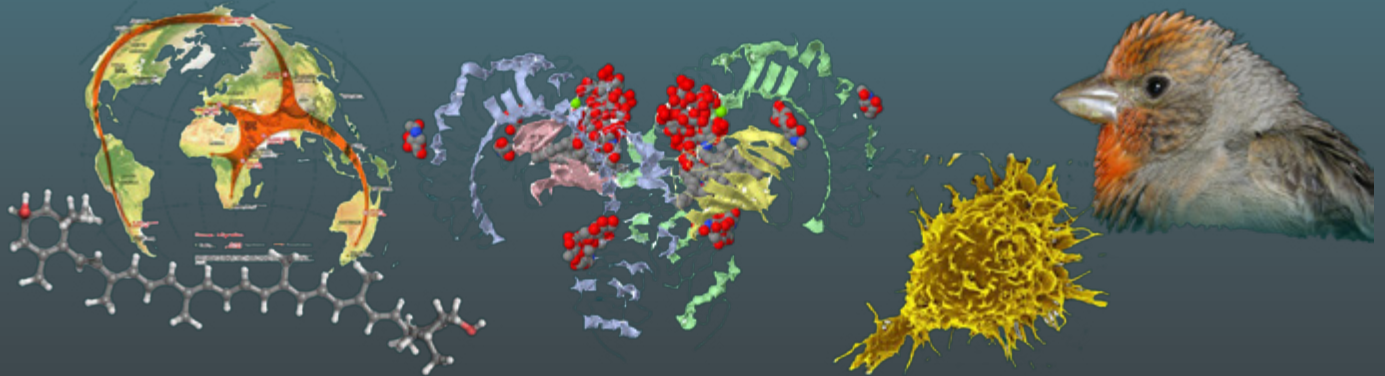




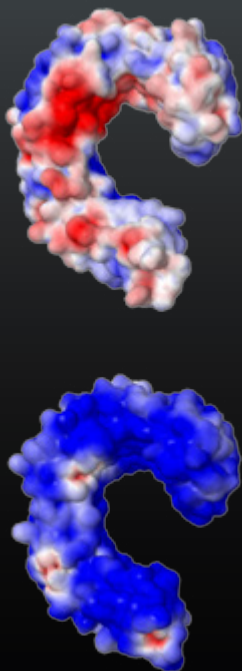
Faculty of Science, Charles University in Prague

We announce a newly opened course:

Evolutionary and Ecological Immunology (MB170P84)



Lecturer: Michal Vinkler, PhD



Programme of lectures:

1. Introduction to evolutionary thinking in immunology and biomedical research
2. Immune system as a complex system of protective layers
3. Immunologically relevant variation in animal genomes
4. Evolutionary mechanisms responsible for maintenance of variability in immune related genes
5. Host-parasite coevolution
6. Immunity-immunopathology balance
7. Speciation, hybridization and evolution of immunity
8. Ecological immunology
9. Physiological factors modulating immune function
10. Sexual selection and evolution of anti-parasite resistance
11. Linking outer phenotypic traits to health and immunogenetics
12. Evolutionary context of aging and degenerative diseases
13. Final seminar

The lectures are given in English.



More information at: <http://web.natur.cuni.cz/zoologie/biodiversity/birds/eei/>

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