

Chapters in monographs (2012)

1. **Flegontov P., Lukeš J.** 2012: Chapter six, Mitochondrial genomes of photosynthetic euglenids and alveolates. In: L. MarechalDrouard (Ed.), *Advances in Botanical Research* 63. Elsevier Inc., London, pp. 127–153.
2. **Kopáček P., Hajdušek O., Burešová V.** 2012: Chapter nine, Tick as a model for the study of a primitive complement system. In: E. Mylonakis, F.M. Ausubel, M. Gilmore, A. Casadevall (Eds.), *Advances in Experimental Medicine and Biology* 710. SPRINGER-VERLAG BERLIN, Berlin, pp. 83–93.
3. **Langhansová H., Chagas A.C., Andersen J.F., Kopecký J., Kotsyfakis M.** 2012: Ticks saliva-mediated immunomodulation of the vertebrate host. In: M. Woldemeskel (Ed.), *Ticks: Disease, Management and Control*. Nova Science Publishers, Inc. Series: *Insects and Other Terrestrial Arthropods: Biology, Chemistry and Behavior*. New York, pp. 19–36.

Papers in journals with impact factor (2012)

1. Adl S., Simpson A.G.B., Lane C.E., **Lukeš J.**, Bass D., Bowser S.S., Brown M.W., Burki F., Dunthorn M., Hampl V., Heiss A., Hoppenrath M., Lara E., Gall L.L., Lynn D.H., McManus H., Mitchell E.A.D., Mozley-Stanridge S.E., Parfrey L.W., Pawlowski J., Rueckert S., Shadwick L., Schoch C.L., Smirnov A., Spiegel F.W. The revised classification of eukaryotes. *Journal of Eukaryotic Microbiology* 59: 429–514. [IF = 2.162]
2. Alama-Bermejo G., Bron J.E., Raga J.A., **Holzer A.S.** 2012: 3D morphology, ultrastructure and development of *Ceratomyxa puntazzi* stages: first insights into the mechanisms of motility and budding in the Myxozoa. *PLoS ONE* 7(2): e32679. [IF = 3.730]
3. Ammerman M.L., Downey K.M., **Hashimi H.**, Fisk J.C., Tomasello D.L., **Faktorová D.**, Kafková L., King T., **Lukeš J.**, Read L.K. 2012: Architecture of the trypanosome RNA editing accessory complex, MRB1. *Nucleic Acids Research* 40(12): 5637–5650. [IF = 8.278]
4. Antunes S., Galindo R.C., Almazán C., **Rudenko N.**, **Golovchenko M.**, **Grubhoffer L.**, Shkap V., do Rosário A., de la Fuente J., Domingos A. 2012: Functional genomics studies of *Rhipicephalus (Boophilus) annulatus* ticks in response to infection with the cattle protozoan parasite, *Babesia bigemina*. *International Journal for Parasitology* 42(2): 187–185. [IF = 3.637]
5. **Ash A.**, **Scholz T.**, de Chambrier A., **Brabec J.**, Oros M., Kar P.K., Chavan S.P., Mariaux J. 2012: Revision of *Gangesia* (Cestoda: Proteocephalidea) in the Indomalayan region: morphology, molecules and surface ultrastructure. *PLoS ONE* 7: e46421. [IF = 3.730]
6. Bazsalovicsová E., Králová-Hromadová I., **Štefka J.**, **Scholz T.** 2012: Molecular characterization of *Atractolytocestus sagittatus* (Cestoda: Caryophyllidea), monozoic parasite of common carp, and its differentiation from the invasive species *Atractolytocestus huronensis*. *Parasitology Research* 110: 1621–1629. [IF = 2.852]
7. **Blasco-Costa M.I.**, Míguez-Lozano R., Sarabeev V., Balbuena J.A. 2012: Molecular phylogeny of species of *Ligophorus* (Monogenea: Dactylogyridae) and their affinities within the Dactylogyridae. *Parasitology International* 61: 619–627. [IF = 2.302]
8. **Blasco-Costa I.**, Waters J.M., Poulin R. 2012: Swimming against the current: genetic structure, host mobility and the drift paradox in trematode parasites. *Molecular Ecology* 21(1): 207–217. [IF = 6.275]
9. Born-Torrijos A., **Kostadinova A.**, Raga J.A., **Holzer A.S.** 2012: Molecular and morphological identification of larval opecoelids (Digenea: Opecoelidae) parasitising prosobranch snails in a Western Mediterranean lagoon. *Parasitology International* 61: 450–460. [IF = 2.302]
10. **Brabec J.**, **Scholz T.**, Kralová-Hromadová I., Bazsalovicsová E., Olson P.D. 2012: Substitution saturation and nuclear paralogs of commonly employed phylogenetic markers in the Caryophyllidea, an unusual group of non-segmented tapeworms (Platyhelminthes). *International Journal for Parasitology* 42(3): 259–267. [IF = 3.637]
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16. Cárdenas M.Q., **Moravec F.**, Fernandes B.M., Morais A.M. 2012: A new species of *Philometra* Costa, 1845 (Nematoda: Philometridae) from the freshwater fish (red piranha) *Pygocentrus nattereri* Kner (Characidae) in Amazonia, Brazil. *Systematic Parasitology* 83: 137–144. [IF = 1.260]
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