

Literatura

1. Barbet, AF., Lundgren, AM., Alleman, AR., Stuen, S., et al. Structure of the expression site reveals global diversity in MsP2(P44) variants in *Anaplasma phagocytophilum*. *Infect Immun*, 2006; 74(1): 6429–6437.
2. Baumgarten, BU., Röllinghoff, M., et al. Prevalence *Borrelia burgdorferi* and granulocytic and monocytic *Ehrlichiae* in *Ixodes ricinus* ticks from Southern Germany. *J Clin Microb*, 1999; 37(11): 3448–3451.
3. Bjoersdorff, A., Bergstrom, S., Massung, RF., et al. *Ehrlichia* infected ticks on migratory Birds. *Emerg Infect Dis*, 2001; 7: 877–881.

4. Courtney, JW., Kostelník, LM., Zeidner, NS., Massung, RF. Multiplex real-time PCR for detection of *Anaplasma phagocytophilum* and *Borrelia burgdorferi*. *J Clin Microbiol*, 2004; 42: 3164–3168.
5. Dyachenko, V., Geiger, C., Pantchev, N., Majzoub, M., Bell-Sakyi, L., Krupka, I., Straubinger, RK. Isolation of canine *Anaplasma phagocytophilum* strains from clinical blood samples using the *Ixodes ricinus* cell line IRE/CTVM20. *Vet Microbiol*, 2013; 162(2–4): 980–986.
6. Dumler, JS., Choi, KS., Garcia-Garcia, JC., Barant, NS., et al. Human granulocytic anaplasmosis and *Anaplasma phagocytophilum*. *Emerg Infect Dis*, 2005; 11: 1828–1834.
7. Dumler, JS. *Anaplasma* and ehrlichia infection. *Ann N Y Acad Sci*, 2005; 1063: 361–373.
8. Frankel, J., Meier, F., Moldenhauer, A., et al. Established and emerging pathogens in *Ixodes ricinus* ticks collected from birds on a conservation island in the Baltic Sea. *Med Vet Entomol*, 2010; 26: 1365–1372.
9. Granquist, EG., Waner, T., et al. Variant-specific and diminishing immune response towards the highly variable MSP2(P44) outer membrane protein of *Anaplasma phagocytophilum* during persistent infection in lambd. *Vet Immunol Immunopathol*, 2009; 7: 206–212.
10. Hackett, TB., Jensen, WA., Lehman, TL., Hohenhaus, AE., et al. Prevalence of DNA of *Mycoplasma haemofelis*, *Candidatus Mycoplasma haemominutum*, *Anaplasma phagocytophilum*, and species *Bartonella*, *Neorickettsia*, and *Ehrlichia* in cats used as blood donors in the United States. *J Am Vet Med Assoc*, 2006; 229: 700–705.
11. Herron, MJ., Nelson, CM., Larson, J., et al. Intracellular parasitism by the human granulocytic ehrlichiosis bacterium through the P-selectin ligand, PSGL-1. *Science*, 2000; 288: 1653–1656.
12. Hildebrandt, A., Schmidt, K., Wilske D., et al. Prevalence of four species *Borrelia burgdorferi* sensu lato and coinfection with *Anaplasma phagocytophilum* in *Ixodes ricinus* ticks in Central Germany. *Eur J Clin Microbiol Infect Dis*; 2003; 22: 364–367.
13. Hulínská, D., Votýpka, J., Plch, J., et al. Molecular and microscopical evidence of *Ehrlichia* spp. and *Borrelia burgdorferi* sensu lato in patients, animals and ticks in the Czech Republic. *New Microbiologica*, 2002; 25: 437–448.
14. Hulínská, D., Langrová, K., Pejčoch, M., Pavlásek, I. Detection of *Anaplasma phagocytophilum* in animals by real-time polymerase chain reaction. *APMIS*, 2004; 11: 239.
15. Hulínská, D., Berenová, D. Detection of *Anaplasma phagocytophilum* by msp2(p44)-based PCR in different host species from the Czech Republic. *Vector Tick-borne Infect*, 2013; nepublikováno
16. Chajd, A., Nadelman, RB., Aguero-Rosenfeld, M., Haddad, FA., Stokem, DP., et al. Human granulocytic anaplasmosis during pregnancy: case series and literature review. *Clin Infect Dis*, 2007; 45(5): 589–593.
17. Jaderlund, KH., Egenvall, A., Bergstrom, K., Hedhammar A. Seroprevalence of *Borrelia burgdorferi* sensu lato and *Anaplasma phagocytophilum* in dogs with neurological signs. *Vet Res*, 2007; 160: 825–831.

18. Krause, PJ., Corrow, CL., Bakken, JS. Successful treatment of human granulocytic ehrlichiosis in children using rifampin. *Pediatrics*, 2003; 112(3): 252–253.
19. Magnarelli, LA., Stafford, KM., Ijdo, JW., et al. Antibodies to whole-cell or recombinant antigen of *Borrelia burgdorferi* and *Anaplasma phagocytophilum*, and *Babesia microti* in white-footed mice. *J Wild Dis*, 2007; 42: 732–738.
20. Nieto, NC., Foley, JE. Meta-analysis of coinfection and coexposure with *Borrelia burgdorferi* and *Anaplasma phagocytophilum* in humans, domestic animals, wildlife, and *Ixode ricinus*-complex ticks. *Vector Borne Zoonotic Dis*, 2009; 9: 93–101.
21. Paddock, ChD., Summer, JQ., et al. Isolation and characterization of *Ehrlichia chaffeensis* strains from patients with fatal ehrlichiosis. *J Clin Microb*, 1997; 35(10): 2496–2502.
22. Parola, P. Tick-borne rickettsial diseases: emerging risk in Europe. *Comp Immunol Microbiol Infect Dis*, 2004; 27: 297–304.
23. Scotarczak, B., Rymaszewska, A., Wodecka, B., et al. PCR detection of granulocytic *Anaplasma* and *Babesia* in *Ixodes ricinus* ticks and *Borrelia* in west-central Poland. *Ann Agric Environ Med*, 2006; 13(1): 21–23.
24. Silaghi, C., Woll, D., Hamel, D., Pfister, K., Mahling, M., Pfeffer, M. *Babesia* spp. and *Anaplasma phagocytophilum* in questing ticks, ticks parasitizing rodents and the parasitized rodents--analyzing the host-pathogen-vector interface in a metropolitan area. *Parasit Vectors*, 2012; 5: 191.
25. Soleng, A., Kjelland, V. *Borrelia burgdorferi sensu lato* and *Anaplasma phagocytophilum* in *Ixodes ricinus* ticks in Brønnøysundin northern Norway. *Ticks Tick Borne Dis*, 2013; 4(3): 218–221.
26. Stuen, S. *Anaplasma phagocytophilum*-the most widespread tick-borne infection in animals in Europe. *Vet Res Comm*, 2007; 31: 79–84.
27. Walker, DH., Dumler, JS. Human Monocytic and Granulocytic Ehrlichiosis. *Arch Pathol Lab Med*, 1997; 121: 785–791.
28. Wormser, GP., Dattwyler, RJ., Shapiro, ED., et al. The clinical assessment, treatment, and prevention of Lyme disease, Human granulocytic anaplasmosis, and Babesiosis: Clinical practice guidelines by the Infectious Disease Society of America. *CID*, 2006; 43: 1089–1094.
29. Zeman, P., Pecha, M. Segregation of genetic variants of *Anaplasma phagocytophilum* circulating among wild ruminants within a Bohemian forest (Czech Republic). *Inter J Med Microbiol*, 2008; 298: 203–210.