

**Salmonová Hana a kol.: Sekundární metabolity mechovek a jejich biologická aktivity  
(Živa 2019, 1: 28–30)**

**Seznam použité a doporučené literatury:**

- Blackman AJ, Walls JT (1995) Bryozoan secondary metabolites and their chemical ecology. Stud Nat Prod Chem 17: 73–112
- Bock PE, Gordon DP (2013) Phylum Bryozoa Ehrenberg, 1831. Zootaxa 3703: 67–74
- Davidson SK, Haygood MG (1999) Identification of sibling species of the bryozoan *Bugula neritina* that produce different anticancer bryostatins and harbor distinct strains of the bacterial symbiont “*Candidatus Endobugula sertula*.” Biol Bull 196: 273–280
- Eisenbarth S, Gehling M, Harder A, Steffan B (2002) Pentaporins A, B and C: disulfides from the marine bryozoan *Pentapora fascialis*. Tetrahedron 58: 8461–8464
- Heindl H, Wiese J, Thiel V, Imhoff JF (2010) Phylogenetic diversity and antimicrobial activities of bryozoan-associated bacteria isolated from Mediterranean and Baltic Sea habitats. Syst Appl Microbiol 33: 94–104
- Kollar P, Šmejkal K, Salmonová H, Vlková E, Lepšová-Skácelová O, Balounová Z, Rajchard J, Cvačka J, Jaša L, Babica P, Pazourek J (2016) Assessment of chemical impact of invasive bryozoan *Pectinatella magnifica* on the environment: Cytotoxicity and antimicrobial activity of *P. magnifica* extracts. Molecules 21:1476
- König GM, Kehraus S, Seibert SF, Abdel-Lateff A, Müller D (2006) Natural products from marine organisms and their associated microbes. ChemBioChem 7: 229–238
- Lee NK, Fenical W, Lindquist N (1997) Alternatamides A-D: New bromotryptamine peptide antibiotics from the Atlantic marine bryozoan *Amathia alternata*. J Nat Prod 60: 697–699
- Lim GE, Haygood MG (2004) “*Candidatus Endobugula glebosa*,” a specific bacterial symbiont of the marine bryozoan *Bugula simplex*. Appl Environ Microbiol 70: 4921–4929
- Massard JA, Geimer G (2008) Global diversity of bryozoans (Bryozoa or Ectoprocta) in freshwater. Hydrobiologia 595: 93–99
- Milanowski DJ, Gustafson KR, Kelley JA, McMahon JB (2004) Caulibugulones A-F, novel cytotoxic isoquinoline quinones and iminoquinones from the marine bryozoan *Caulibugula intermis*. J Nat Prod 67: 70–73
- Molinski TF, Dalisay DS, Lievens SL, Saludes JP (2009) Drug development from marine natural products. Nat Rev Drug Discov 8: 69–85
- Murray RG, Stackebrandt E (1995) Taxonomic note: implementation of the provisional status *Candidatus* for incompletely described prokaryotes. Int J Syst Bacteriol 45: 186–187
- Pejin B, Ceric A, Horvatovic M, Jurca T, Glamocilja J, Nikolic M, Sokovic M (2015) An insight into antimicrobial activity of the freshwater bryozoan *Pectinatella magnifica*. Nat Prod Res 6419: 1–5

- Pejin B, Ceric A, Karaman I, Horvatovic M, Glamoclija J, Nikolic M, Sokovic M (2015) *In vitro* antibiofilm activity of the freshwater bryozoan *Hyalinella punctata*: a case study of *Pseudomonas aeruginosa* PAO1. *Nat Prod Res* 6419: 1–4
- Pejin B, Glamoclija J, Ceric A, Radotic K, Vajs V, Tesevic V, Hegedis A, Karaman I, Horvatovic M, Sokovic M (2012) Antimicrobial activity of the freshwater bryozoan *Hyalinella punctata* (Hancock, 1850). *Dig J Nanomater Biostructures* 7: 1021–1026
- Peters L, König GM, Wright AD, Pukall R, Stackebrandt E, Eberl L, Riedel K (2003) Secondary metabolites of *Flustra foliacea* and their influence on bacteria. *Appl Environ Microbiol* 69: 3469–3475
- Pukall R, Kramer I, Rohde M, Stackebrandt E (2001) Microbial diversity of cultivatable bacteria associated with the North Sea bryozoan *Flustra foliacea*. *Syst Appl Microbiol* 24: 623–633
- Russell FE (1965) Marine toxins and venomous and poisonous marine animals. *Adv Mar Biol* 3: 255–384
- Salmonová H, Killer J, Bunešová V, Geigerová M, Vlková E (2018) Cultivable bacteria from *Pectinatella magnifica* and the surrounding water in South Bohemia indicate potential new Gammaproteobacterial, Betaproteobacterial and Firmicutes taxa. *FEMS Microbiol Lett* 365: 1–10
- Sharp JH, Winson MK, Porter JS (2007) Bryozoan metabolites: an ecological perspective. *Nat Prod Rep* 24: 659–673
- Sherwood J, Walls JT, Ritz DA (1998) Amathamide alkaloids in the pycnogonid, *Stylopallene longicauda*, epizoic on the chemically defended bryozoan, *Amathia wilsoni*. *Pap Proc R Soc Tasmania* 132: 65–70
- Sinko J, Rajchard J, Balounova Z, Fikotova L (2012) Biologically active substances from water invertebrates: A review. *Veterinarni Medicina*, 57: 177–184
- Tian XR, Tang HF, Tian XL, Hu JJ, Huang LL, Gustafson KR (2018) Review of bioactive secondary metabolites from marine bryozoans in the progress of new drugs discovery. *Future Med Chem* 10: 1497–1514
- Waeschensbach A, Taylor PD, Littlewood DTJ (2012) A molecular phylogeny of bryozoans. *Mol Phylogenet Evol* 62: 718–735
- Walls JT, Blackman AJ, Ritz DA (1995) Localisation of the amathamide alkaloids in surface bacteria of *Amathia wilsoni* Kirkpatrick, 1888 (Bryozoa: Ctenostomata). *Hydrobiologia* 297: 163–172
- Wood TS (2010) Bryozoans. In: Thorp JH, Covich AP (eds) *Ecology and classification of North American freshwater invertebrates*, 3rd edn. Academic Press, London, p 437–454