

7.5 Použitá a doporučená literatura

Adekunle, K. F.; Okolie, J. A. A review of biochemical process of anaerobic digestion. *Adv. Biosci. Biotechnol.* **2015**, 6 (3), 205-212.

Advanced Dietary Fibre Technology; McCleary, B. V., Prosky, L., Eds.; Wiley-Blackwell, 2001.

Ashwar, B. A.; Gani, A.; Shah, A.; Wani, I. A.; Masoodi, F. A. Preparation, health benefits and applications of resistant starch – A review. *Starch-Stärke* **2016**, 68, 287-301.

Barclay, T. G.; Day, C. M.; Petrovsky, N.; Garg, S. Review of polysaccharide particle-based functional drug delivery. *Carbohydr. Polym.* **2019**, 221, 94-112.

Basha, S. K.; Muzammil M. S.; Dhandayuthabani, R.; Kumari, V. S. Polysaccharides as excipient in drug delivery system. *Materials Today: Proc.* **2020**, 36, 280-289.

Blanshard, J. M.; Mitchell, J. R. Polysaccharides in food. Elsevier, 2013.

Bhosale, R. R.; Osmani, R. A. M.; Moin, A. Natural gums and mucilages: a review on multifaceted excipients in pharmaceutical science and research. *Int. J. Pharmacogn. Phytochem. Res.* **2014**, 15, 901-912.

Debele, T. A.; Su, W. P. Polysaccharide and protein-based functional wound dressing materials and applications. *Int. J. Polym. Mater. Polym. Biomater.* **2020**, 1-22.

EFSA Panel on Food Additives and Nutrient Sources added to Food Re-evaluation of pectin (E 440i) and amidated pectin (E 440ii) as food additives. *EFSA J.* **2017**, 15 (7), e04866.

E-numbers of food additives. <http://www.food-info.net/uk/index.htm> (accessed Feb 07, 2021).

Food polysaccharides and their applications, 2nd ed.; Stephen, A. M., Phillips, G. O., Williams, P. A., Eds.; CRC Press: Boca Raton, 2006.

Hamed, I.; Özogul, F.; Regenstein, J. M. Industrial applications of crustacean by-products (chitin, chitosan, and chitooligosaccharides): A review. *Trends Food Sci. Technol.* **2016**, 48, 40-50.

He, X.; Lu, W.; Sun, C.; Khalesi, H.; Mata, A.; Andaleeb, R.; Fang, Y. Cellulose and cellulose derivatives: different colloidal states and food-related applications. *Carbohydr. Polym.* **2020**, 117334.

Hönig, V.; Miler, P.; Hromádka, J. Bioetanol jako inspirace do budoucna. *Listy cukrovarnické a řepářské* **2008**, 124, 203-206.

Hu, H.; Xu, F. J. Rational design and latest advances of polysaccharide-based hydrogels for wound healing. *Biomater. Sci.* **2020**, 8, 2084-2101.

Biodegradable polymers and plastics; Chellini, E., Solaro R., Eds.; Kluwer Academic Plenum Publishers: N. Y., 2003.

Iwata, T. Biodegradable and bio-based polymers: future prospects of eco-friendly plastics. *Angewandte Chemie Int. Ed.* **2015**, *54*, 3210-3215.

Kabasci, S. Biobased plastics. In *Plastic Waste and Recycling*, Academic Press, 2020, pp 67-96.

Khan, F.; Ahmad, S. R. Polysaccharides and their derivatives for versatile tissue engineering application. *Macromol. Biosci.* **2013**, *13*, 395-421.

Lee, C. S.; Robinson, J.; Chong, M. F. A review on application of flocculants in wastewater treatment. *Process Safety Environ. Protec.* **2014**, *92*, 489-508.

Lovegrove, A.; Edwards, C. H.; De Noni, I.; Patel, H.; El, S. N.; Grassby, T.; Zielke, C.; Ulmius, M.; Nilsson, L.; Butterworth, P. J.; Ellis, P. R.; Shewry, P. R. Role of polysaccharides in food, digestion, and health. *Crit. Rev. Food Sci. Nutr.* **2017**, *57*, 237-253.

Mao, C.; Feng, Y.; Wang, X.; Ren, G. Review on research achievements of biogas from anaerobic digestion. *Renew. Sustain. Energy Rev.* **2015**, *45*, 540-555.

Meegoda J. N., Li B., Patel K., Wang L. B. A review of the processes, parameters, and optimization of anaerobic digestion. *Int. J. Environ. Res. Public Health* **2018**, *15*, 2224.

Nařízení Evropského parlamentu a Rady (ES) č. 1333/2008 ze dne 16. prosince 2008 o potravinářských přídatných látkách ve znění Nařízení Komise (EU) č. 231/2012.

Nath K.; Das D. Hydrogen from biomass. *Curr. Sci.* **2003**, *85*, 265-271.

Nešić A.; Cabrera-Barjas G.; Dimitrijević-Branković S.; Davidović S.; Radovanović N.; Delattre C. Prospect of polysaccharide-based materials as advanced food packaging. *Molecules* **2020**, *25*, 135.

Öner E. T.; Hernández L.; Combie J. Review of levan polysaccharide: from a century of past experiences to future prospects. *Biotechnol. Adv.* **2016**, *34*, 827-844.

Pohořelý, M.; Jeremiáš, M.; Kameníková, P.; Skoblia, S.; Svoboda, K.; Punčochář, M. Zplyňování biomasy. *Chem. Listy* **2012**, *106*, 264-274.

Rowe, R. C.; Sheskey, P.; Quinn, M. *Handbook of Pharmaceutical Excipients* [Online]. Libros Digitales Pharmaceutical Press, 2009.

<http://repositorio.ub.edu.ar/handle/123456789/5143> (accessed Feb 07, 2021).

Saha, D.; Bhattacharya, S. Hydrocolloids as thickening and gelling agents in food: a critical review. *J. Food Sci. Technol.* **2010**, *47*, 587-597.

Shokri, J.; Adibkia, K. Application of cellulose and cellulose derivatives in pharmaceutical industries. In *Cellulose-medical, pharmaceutical and electronic applications*. IntechOpen, 2013. DOI: 10.5772/55178. Published Online: Aug 29, 2013. <https://www.intechopen.com/books/cellulose-medical-pharmaceutical-and-electronic->

applications/application-of-cellulose-and-cellulose-derivatives-in-pharmaceutical-industries (accessed Feb 07, 2021).

Sikora, M.; Badrie, N.; Deisingh, A. K.; Kowalski, S. Sauces and dressings: a review of properties and applications. *Crit. Rev. Food Sci. Nutr.* **2008**, *48*, 50-77.

Srikanth, R.; Reddy, C. H. S.; Siddartha, G.; Ramaiah, M. J.; Uppuluri, K. B. Review on production, characterization and applications of microbial levan. *Carbohydr. Polym.* **2015**, *120*, 102-114.

Šárka, E.; Smrčková, P.; Seilerová, L. Rezistentní a pomalu stravitelný škrob. *Chem. Listy* **2013**, *107*, 929-935.

Šárka, E.; Kruliš, Z.; Kotek, J.; Růžek, L.; Korbářová, A.; Bubnik, Z.; Růžková, M. Application of wheat B-starch in biodegradable plastic materials. *Czech J. Food Sci.* **2011**, *29*, 232-242.

Šárka, E.; Kruliš, Z.; Kotek, J.; Růžek, L.; Voříšek, K.; Koláček, J.; Hrušková K.; Růžková, M.; Ekrt, O. Composites containing acetylated wheat B-starch for agriculture applications. *Plant Soil Environ.* **2012**, *58*, 354-359.