

References

1. Bodek KH. Evaluation of the usefulness of microcrystalline chitosan as a polymeric drug carrier. Habilitation dissertation, AM Łódź 2002 (in Polish).
2. Sznitowska M. (scientific editor), Pharmacy applied technology of the drug form. Wydawnictwo Lekarskie PZWL, Warszawa 2017 (in Polish).
3. Labus K, Trusek-Holownia A, Semba D, Ostrowska J, Tynski P, Bogusz J. Biodegradable polylactide and thermoplastic starch blends as drug release device – mass transfer study. *Polish Journal of Chemical Technology* 2018; 20(1): 75-80. DOI 10.2478/pjct-2018-0011.
4. Waiprib R, Boonme P, Taweepreda W, Kalkornsurapranee E, Suksaeree J. Deproteinized natural rubber latex/gelatinized starch blended films as drug delivery carrier. *Monatsh Chem* 2017; 148: 1223-1228. DOI 10.1007/s00706-017-2005.
5. dos Santos Garcia VA, Borges JG, Maciel VB, Mazalli MR, das Graças Lapa-Guimaraes J, Vanin FM, de Carvalho RA. Gelatin/starch orally disintegrating films as a promising system for vitamin C delivery. *Food Hydrocolloids* 2018; 79: 127-135.
6. Wawro D, Ciechańska D, Stęplewski W, Wesołowska E, Ratajska M, Folia z polisacharydów do zastosowań spożywczych, Materiały konferencyjne: Modyfikacja Polimerów. Stan i Perspektywy w Roku 2007, Oficyna Wydawnicza PW, Wrocław 2007, 378-382.
7. Wawro D, Stęplewski W, Danuta D, Józwicka J. Edible Films from Polysaccharides, *6th International Symposium 'Materials made from renewable resources, 06.- 08. September 2007 naro.tech'*, 6-7.09, 2007, Erfurt.
8. Wawro D, Kazimierczak J. Forming Conditions and Mechanical Properties of Potato Starch Films, *FIBRES & TEXTILES in Eastern Europe* 2008; 16; 6(71): 106-112.
9. Międzybrodzki R. Trends in nonsteroidal anti-inflammatory drug development and application (in Polish). *Postępy Hig Med Dośw.* (online), 2004; 58: 438-448.
10. Kozakiewicz M, Bodek KH. Chitosan membrane with the addition of non-steroidal anti-inflammatory drugs (in Polish). *Mag. Stomat.* 1999; 9; 32-36.
11. Bodek KH. Effect of Microcrystalline chitosan on the solubility of ibuprofen. *Acta Polon. Pharm.-Drug Research* 2002; 59: 105-108.
12. Kołodziejczyk MK, Kołodziejska J, Zgoda MM. Ibuprofen release preferences of medicinal products, the market share of excipients of a polymer (in Polish). *Polimery w Medycynie* 2010; 40, 4: 19-26.
13. Seibel K, Schaffler K, Reeh P, Reitmeir P. Comparison of two preparations of ibuprofen with regard to the time course of their analgesic effect. A randomized, placebo-controlled, double-blind cross-over study using laser somatosensory evoked potentials obtained from UV-irritated skin in healthy volunteers. *Arzneimittelforschung.* 2004; 54(8): 444-51.
14. Pharmacopoeia Polonica Ed. VI, Warsaw 2002.
15. Pharmacopoeia Polonica Ed. XI, Vol. I, Warsaw 2017.
16. Higuchi T. Mechanism of sustained action medication theoretical analysis of rate of release of solid drugs dispersed in solid matrices. *J. Pharm. Sci.* 1963; 52: 1145.
17. Korsmeyer RW, Gurny R, Doelker E, Buri P, Peppas NA, Mechanism of solute release from porous hydrophilic polymers. *Int. J. Pharm.* 1983; 15: 25-35.
18. Peppas NA, Analysis of Fickian and non-Fickian drug release from polymers. *Pharm Acta Helv.* 1985; 60: 110-111.
19. Nowak KM, Szerk A, Szyborski T, Rudnicka K, Fiedorf P, Bodek KH, In vitro evaluation of polymeric formulations designed for use in alveolar osteitis. *J Appl. Polym. Sci.* 2016; 133: 42991, DOI 10.1002/app.42991.

20. Sobczak M, Olędzka E, Kołodziejcki WL, Kuźmich R. Polymers for pharmaceutical applications (in Polish). *Polimery* 2007; 52: 411-420.