

References

1. Muzzarelli Riccardo A.A. Chitins and chitosans for the repair of wounded skin, nerve, cartilage and bone. *Carbohydrate Polymers* 2009; 76: 167-182.
2. Wawro D, Ciechańska D, Stęplewski W and Bodek A. Chitosan Microfibrils: Preparation, Selected Properties and Application. *Fibres and Textiles in Eastern Europe* 2006; 14; 3, (57): 97-101.
3. Niekraszewicz A, Kucharska M, Wawro D, Struszczyk M.H, Kopias K and Rogaczewska A. Development of a Manufacturing Method for Surgical Meshes Modified by Chitosan. *Fibres and Textiles in Eastern Europe* 2007; 3(62): 105-109.
4. Geoffrey M. Spinks, Su Ryon Shin, Gordon G. Wallace, Philip G. Whitten, Sun I. Kim and Seon Jeong Kim. Mechanical properties of chitosan/CNT microfibers obtained with improved dispersion, Sensors and Actuators B. *Chemical* 2006; 115, 2: 678-684.
5. Gliścińska E, Babel K, Krucińska I and Kowalczyk E. Activated Carbon/Dibutylchitin (DBC) as Fibrous Antibacterial Noncytotoxic Wound Dressing Material. *Fibres and Textiles in Eastern Europe* 2012; 20, 2(91): 84-90.
6. Wawro D, Krucińska I, Ciechańska D, Niekraszewicz A and Stęplewski W. Some functional properties of chitosan fibres modified with nanoparticles, EUCHIS'11, 2011, 10th International Conference of the European Chitin Society.
7. Wawro D, Stęplewski W, Dymel M, Sobczak S, Skrzetuska E, Puchalski M and Krucińska I. Antibacterial Chitosan Fibres with Content of Silver Nanoparticles. *Fibres and Textiles in Eastern Europe* 2012; 20, 6B (96): 24-31.
8. Wawro D and Pighinelli L. Chitosan Fibers Modified with HAp/ β -TCP Nanoparticles. *International Journal of Molecular Sciences* 2011; 12(11):7286-7300.
9. Strobin G, Ciechańska D, Wawro D, Stęplewski, W, Jóźwicka J, Sobczak S and Haga A. Chitosan Fibres Modified by Fibroin. *Fibres and Textiles in Eastern Europe* 2007; 15, (58): 64 - 65.
10. Wawro D, Stęplewski W and Wrześniewska-Tosik K. Preparation of Keratin-Modified Chitosan Fibres. *Fibres and Textiles in Eastern Europe* 2009; 17, (75): 37-42.
11. Wawro D, Stęplewski W, Brzoza-Malczewska K and Świąszkowski W. Collagen-modified chitosan fibers intended for scaffolds. *Fibres and Textiles in Eastern Europe* 2012; 20, 6B (96): 32-39.
12. Kardas I, Marcol W, Niekraszewicz A, Kucharska M, Ciechańska D, Wawro D, Lewin-Kowalik J and Właszczuk A. Utilisation of biodegradable polymers for peripheral nerve reconstruction. *Progress on Chemistry and Application of Chitin and Its Derivatives* 2010; XV: 159-167.
13. Sarkar S, Jana A.D, Samanta S.K and Mostafa G. Facile synthesis of silver nanoparticles with highly efficient antimicrobial property. *Polyhedron* 2007; 26: 4419-26.
14. Jayesh P, Ruparelia Arup Kumar Chatterjee and. Siddhartha P. Duttagupta. Suparna Mukherji. *Acta Biomaterialia* 2008; 4: 707-716.
15. Siva Kumar V, Nagaraja B.M, Shashikala V, Padmasri A.H, Madhavendra S.S and Raju B.D. Highly efficient Ag/C catalyst prepared by electro-chemical deposition method in controlling microorganisms in water. *J Mol Catal A Chem* 2004; 223: 313-9.
16. Heineman Ch, Heineman S, Bernhard A, Worch H and Hanke T. Novel Textile Chitosan Scaffolds Promote Spreading, Proliferation, and Differentiation of Osteoblasts, *Biomacromolecules* 2008; 9, 2913-2920.

17. Tuzlakoglu K, Alves C. M, Mano J. F and Reis R. L. Production and Characterization of Chitosan Fibers and 3-D Fiber Mesh Scaffolds for Tissue Engineering Applications. *Macromolecular Bioscience* 2004; 4: 811-819.
18. Tuzlakoglu K. *Mater. Sci.: Mater. Med.* 2007; 18(7): 1279-86.
19. Höhne S, Breier A, Jäger M.; Hanke T, Worch H and Simon F. Heterogeneous Cross-Linking and Sulphation of Chitosan. *Macromolecular Symposia* 2014; 346, 1: 66–72.
20. http://www.textile-future.com/textile-manufacturing.php?read_article=385 (Maj 2015).
21. Toskas G, Brünler R, Hund H, Hund R-D, Hild M, Aibibu D and Cherif Ch, Pure Chitosan Microfibres for Biomedical Applications. *AUTEX Research Journal* 2013; 13, 4, DOI: 10.2478/v10304-012-0041-5 © AUTEX
22. Rinaudo M. *J. Biol. Macromol.* 1993; 15: 281-284.
23. Smith S.B and Hieftje G.M. A New Background-correction Method for Atomic Absorption Spectrometry. *Applied Spectroscopy* 1983; 37 (5): 419-424.
24. Kowalski K, Włodarczyk B and Kowalski T.M. Probabilistic Model of Dynamic Forces in Thread in the Knitting Zone of Weft Knitting Machines, Allowing for the Heterogeneity of Visco-Elasticity Yarn Properties. *Fibres and Textiles in Eastern Europe* 2010; 4, (81): 61–67.
25. Włodarczyk B and Kowalski K. Analysis of the Process of Pulling a Thread Through a Friction Barrier Considering the Non-uniformity of Visco-Elastic Properties of Yarns and Their Random Changes. *Fibres and Textiles in Eastern Europe* 2008; 4, (69): 78–84.
26. Włodarczyk B and Kowalski K. A Discrete Probabilistic Model of Forces in a Visco-elastic Thread Pulled Through a Drawing Zone. *Fibres and Textiles in Eastern Europe* 2008; 1, (66): 24-31.
27. Włodarczyk B. Technology of multilayer and spacer knitted fabrics. Monograph., *LAMBERT Academic Publishing* 2014, ISBN 978-3-659-57036-0.