



Topic of the Speech:

Comparative Analysis of Antibiotic and Antioxidant Activity of Raw Hemp and Flax Fibers

Dr. Malgorzata Zimniewska

Institute of Natural Fibers and Medical Plants
Poland



Dr. Malgorzata Zimniewska is director of the Institute of Natural Fibres & Medicinal Plants. She graduated from Textile Faculty, Mechanical Technology of Fiber at the Technical University of Lodz. Her PhD Thesis was completed with honours at the Technical University of Łodz in 2006 and habilitation in 2016. She received a title of Assoc. Prof. of Institute of Natural Fibres & Medicinal Plants in 2011.

Malgorzata Zimniewska worked as Head of Department of Innovative Textile Technologies and the Laboratory of Physiological Influence of Textiles on Human Body at the Institute of Natural Fibres & Medicinal Plants. Her main area of interest is development of natural lignocellulosic fiber processing, technologies and evaluation, to meet the specific needs of different fiber applications. M. Zimniewska's favorite study is related to development of pro-healthy textiles with positive influence on human physiology and evaluation of their effect on the body. She also lead a research team working on bast fibers application to reinforce composites.

Malgorzata Zimniewska has been a Member of the Textile Institute since 1996 r., currently she is a Chair of Polish Section of Textile Institute. She serves as Vice Chair of Quality Control for European Commission in frame programme H2020, Research Executive Agency, Future and Emerging Technologies, Brussels 2018 – 2019. She served as a Chair of DNFI - Discover Natural Fibers Initiatives Network from 2013 to 2016, also as an Expert of Task Force on the Challenges from Competing Fibers of International Cotton Advisory Committee in USA, Expert of European Technology Platform for the Future of Textiles and Clothing EURATEX, and Expert of the National Centre for Research and Development in Poland.

Malgorzata Zimniewska has led many international, European and national projects.

She has authored and co-authored more than 150 articles published in research journals, conference proceedings and book chapters. She is a co-author of patents, which were awarded with 4 gold, one silver and one bronze medals at international innovation exhibitions and of President of Polish Chamber of Commerce Award KIG INNOVATICA 2010. She was also awarded with Silver Cross of Merit, 2010.