



Dr.sc.ing. Janis Rizikovs, wood chemistry and materials scientist, is currently a head of the Biorefinery Laboratory research group and leading researcher at Latvian State Institute of Wood Chemistry. His research activities include: Obtaining of biologically active substances (betulin) and polymer raw materials (suberinic acids) from birch outer bark, which are promising raw materials for the synthesis of high added value derivatives for cosmetics, emulsion production and polymer/adhesives industry; ecological binders, additives, coatings and wood-based panels; understanding of the fundamentals that affect the hydrophobicity of wood after thermal treatment process; the mild hydrolysis pre-treatment of wood for improving the cellulosic part accessible to pyrolysis for obtaining anhydrosugars.

