

Brokerage Event

Food Security | Sustainable Agriculture and Forestry |
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Sustainable Food Security

THE RECYCLING OF URBAN BIOWASTE TO ANTIMICROBIALS, CHEMICALS AND BIOGAS

Prof. Habil. Dr. Grazina JUODEIKIENE

Kaunas University of Technology, Lithuania



www.ncp-biohorizon.net

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CE-SFS-25-2018: Integrated system innovation in valorising urban biowaste

Project idea: develop an integrated system to recycle and valorise urban biowaste for the production of high-value bio-based products

Novel technological solutions, including biological, physic-chemical and thermal processes, will be pursued

RUR-04A-2018: Analytical tools and models to support policies related to agriculture and food

Project idea: develop analytical tools to screen grains in combination with biological treatment to reduce occurrence of Fusarium in cereal grains

Novel technological solutions, including physic-tools and bio-products, will be pursued

SFS-11A-2018: Antimicrobials and animal production / Rethinking management of health of farm animals

Project idea: develop antimicrobial products and detergents using antimicrobial microorganisms and dairy by-products

KTU expertise: EU Patents

(1) PROBIOTIC FERMENTED FEED ADDITIVES

(2) FERMENTED FEED OF PLANT ORIGIN

Implementation in JSC 'BALTIJOS BIOTECHNOLOGIJOS' production

DT-STS-14-2018: Personalized nutrition

Project idea: establish dietary requirements for the prevention of depression based on screening of emotional response to different foods

Relevant KTU projects: "Development of early diagnostic methods of depressive disorder: computer-based screening of emotional responses to different taste of food" (Lithuanian Research Council)



KTU involvement in related projects:

- 1) SUSMILK (FP7)
- 2) Coordination of ACOUSTICS (ITEA2 Eureka)
- 3) Participation in EMPATHIC (ITEA2 Eureka)
- 4) National projects: BIOEKOTECH, BIOFITAS, GelFix, etc.

Contact details:

Prof. Grazina JUODEIKIENE
Kaunas University of Technology KTU
Radvilenu Road 19, LT-50254, Lithuania
E-mail: grazina.juodeikiene@ktu.lt
Phone: +370 61202188