

# Probiotics

<b>RECOOP HST Research Activity Inventory</b>	
Please complete the template for each selected project your organization would like to share with the partners of the RECOOP HST	
<b>Organization</b>	Slovak Medical University - Department of Bioactive Substances and Nutritional Screening
<b>Research Groups in the Department</b>	
<b>Group</b>	<b>Head (name and e-mail address)</b>
Functional foods based on bioactive compounds	Alexander Maďarič, jana.kadrabova@szu.sk
Analytical	Csilla Mišľanová, csilla.mislanova@szu.sk
Biomedical 2	Zuzana Kovačiková, zuzana.kovacikova@szu.sk
<b>2. Main areas of ongoing research in the Department</b>	
<ul style="list-style-type: none"> <li>• Development of functional foods based on bioactive compounds of plant origin</li> <li>• Effects of functional foods and bioactive compounds on antioxidant status, biochemical and hematological parameters and immunity in humans (general population and risk groups)</li> <li>• Analytical methods for bioactive substances determination in blood and food commodities</li> <li>• Inhalation toxicology in vitro and in vivo, antioxidant status</li> </ul>	
<b>3. Methods used in the Department</b>	
<ul style="list-style-type: none"> <li>• HPLC methods (HCY, methionine, cysteine, GSH, MDA, quercetin, vits. A, E, C)</li> <li>• Spectrophotometric methods (GSH, GPx, SOD, FRAP, cp, oxidation of lipids in serum)</li> <li>• Isolation and cultivation of lung cells, estimation of antioxidant parameters</li> </ul>	

<b>RECOOP HST Research Activity Inventory</b>	
Please complete the template for each selected project your organization would like to share with the partners of the RECOOP HST	
<b>Organization</b>	Lviv National Medical University
<b>Area of the Research</b>	DISEASE PREVENTION
<b>Title of the Research Activity</b>	Application of Probiotics and Synbiotics in the regulation of microbiocenosis of oral cavity
<b>Department (complete address)</b>	<b>Principal Investigator or Head of the Research Group</b>
Therapeutic Dentistry Dep. , Lviv National Medical University, 69 Pekarska st., Lviv 79010, <b>Ukraine.</b>	Name: Olga Ripecka MD, PhD
	Title: Associate Professor
	Tel: +380-322-767456
	Fax: :+380-322-769372
E-mail: dentistry@meduniv.lviv.ua	
<b>Abstract</b>	Maximum 500 characters
Local treatment of periodontal diseases is traditionally based on antibacterial therapy and strengthening of the self-protective defense mechanisms of oral mucosa. As part of the treatment of periodontitis we propose application of probiotics and synbiotics in oral cavity. Probiotics normalize the microbiocenosis of oral cavity and synbiotics include substances which stimulate the growth of probiotic bacteria	
<b>Methods used</b>	Maximum 300 characters
experimental, microbiological, immunological, biochemical	
<b>Related references (max 3)</b>	Indicate the impact factor of the cited reference
Scorancky S, Haffajee A. The bacterial etiology of destructive periodontal diseases. J Peridontology, 1992, V63,3,P.322-331	
Roberfriad M. Prebiotics and synbiotics. Brit J Nutr, 1998, 80,4, P.5197-5202	
Kamma JJ et al.//J.Peridontology Res, 1995,V30,N1,P.66-72	
<b>Related Inventions Disclosures and Patents</b>	

<b>RECOOP HST Research Activity Inventory</b>	
Please complete the template for each selected project your organization would like to share with the partners of the RECOOP HST Consortium and would like to invite other organizations to write FP7 or NIH proposals.	
<b>Organization</b>	1 <sup>st</sup> Department of Medicine In cooperation with the Department of Inorganic Chemistry, Faculty of Sciences, Institute of Pharmaceutical Chemistry, Medical School and PannonPharma Pharmaceutical Company Medical School
<b>Area of the Research</b>	Probiotic: Nutritional industry
<b>Title of the Research Activity</b>	Experimental and clinical gastroenterology, experimental and clinical nutrition and dietetics, experimental and clinical pharmacology
<b>Department (complete address)</b>	<b>Principal Investigator or Head of the Research Group</b>
1 <sup>st</sup> Department of Medicine, Medical School, University of Pécs, H-7624 Pécs, Ifjúság útja 13, Hungary	Name: Dr MÓZSIK, Gyula
	Title: Dr
	Tel: +36 72 536494
	Fax: +36 72 536495
	E-mail: gyula.mozsik@aok.pte.hu
<b>Abstract</b>	Maximum 500 characters
<p><b>Research area</b> internal medicine, gastroenterology, nutrition, clinical pharmacology</p> <p><b>Human resources</b> full professor (1), reader (1), PhD student (1), assistant (1) and administrator (1)</p> <p><b>Special instruments</b> Devices required for pharmaco-chemical determinations, and also for phase I-II clinical pharmaceutical investigations</p> <p><b>Products and services</b> nine recognised patents in the field of nutritional industry</p> <p>Innovative pharmaceutical research</p> <ul style="list-style-type: none"> <li>▪ innovative pharmaceutical research focusing on the side effects of pain killers, for patients suffering from chronic degenerative locomotor diseases treated with salicylate;</li> <li>▪ production of nail-varnish and paint to be used for treating local fungal infection;</li> <li>▪ the development of a new type of eye drop (with new effect mechanism) for reducing increased eye pressure of patients suffering from glaucoma.</li> </ul>	
<b>Methods used</b>	Maximum 300 characters
<b>Related references (max 3)</b>	Indicate the impact factor of the cited reference
<b>Related Inventions Disclosures and Patents</b>	Patent: Kefir probiotic effect and reducing level of cholesterol of blood (applicant: not PTE)