

## SIK

[View the current SIK Page on BioPortfolio.com](http://www.bioportfolio.com/biocorporate/30015-SIK.html) (<http://www.bioportfolio.com/biocorporate/30015-SIK.html>)

### Contact Details:

Box 5401  
Göteborg

Tel: 46 31 335 56 00  
Fax: 46 31 83 37 82  
Email: [info@sik.se](mailto:info@sik.se)

SE-402 29  
Sweden

SIK – the Swedish Institute for Food and Biotechnology, conducts strategic and applied research within food and biotechnology in accordance with an industry-governed, goal-oriented research programme and through joint industrial projects. We offer extensive consulting activities within product and process development, focusing on matters related to quality, product safety and production efficiency. We also run extensive training operations for companies and we are involved in undergraduate and postgraduate programmes at universities and colleges

### Recent Publications by SIK:



- [Mechanical and thermal pretreatments of crushed tomatoes: effects on consistency and in vitro accessibility of lycopene.](#)  
*The effects of mechanical and thermal treatments on the consistency and in...* 10th November, 2009  
SIK-The Swedish Inst for Food and Biotechnology, Structure and Material- J Food Sci. 2009 Sep;74(7):E386-95. ([DOI Direct Link](#))
- [Effect of confinement and kinetics on the morphology of phase separating gelatin-maltodextrin droplets.](#)  
*The effect of confinement on the structure evolution and final morphology...* 10th October, 2009  
SIK, The Swedish Institute for Food and Biotechnology, Gothenburg, Sweden.- Biomacromolecules. 2009 Jun 8;10(6):1446-53. ([DOI Direct Link](#))
- [Spectrum of lipid and lipoprotein indices in human subjects with insulin resistance syndrome.](#)  
*BACKGROUND: Insulin resistance syndrome or metabolic syndrome is one of...* 21st August, 2009  
Armed Forces Institute of Pathology, Rawalpindi, Pakistan.- J Ayub Med Coll Abbottabad. 2008 Jul-Sep;20(3):17-22.
- [Plasticization of zein: a thermomechanical, FTIR, and dielectric study.](#)  
*Zein, the main seed storage protein of maize, has been widely studied as a...* 18th August, 2009  
SIK, The Swedish Institute for Food and Biotechnology, PO Box 5401, SE 402- Biomacromolecules.

- 2009 May 11;10(5):1135-9. ([DOI Direct Link](#))
- [Determination of local diffusion properties in heterogeneous biomaterials.](#)  
*The coupling between structure and diffusion properties is essential for...*11th August, 2009  
 SIK, The Swedish Institute for Food and Biotechnology, PO 5401, SE-402 29,- Adv Colloid Interface Sci. 2009 Aug 30;150(1):5-15. Epub 2009 May 18. ([DOI Direct Link](#))
  - [Dendrimer diffusion in kappa-carrageenan gel structures.](#)  
*The effect of the kappa-carrageenan concentration on gel microstructure...*14th April, 2009  
 SIK, The Swedish Institute for Food and Biotechnology, P.O. Box 5401,- Biomacromolecules. 2009 Feb 9;10(2):275-84. ([DOI Direct Link](#))
  - [Shaping of gelling biopolymer drops in an elongation flow.](#)  
*Shaping, defined as deformation in combination with gel formation of...*11th October, 2008  
 SIK, The Swedish Institute for Food and Biotechnology, P.O. Box 5401,- J Colloid Interface Sci. 2002 Aug 15;252(2):297-308. ([DOI Direct Link](#))
  - [Sensory design of foods for the elderly.](#)  
*BACKGROUND/AIMS: Elderly persons with dysphagia need food that requires...*18th June, 2008  
 SIK - The Swedish Institute for Food and Biotechnology, Gothenburg,- Ann Nutr Metab. 2008;52 Suppl 1:25-8. Epub 2008 Mar 7. ([DOI Direct Link](#))
  - [Insulin resistance in human subjects having impaired glucose regulation.](#)  
*OBJECTIVE: To determine insulin resistance in human subjects having...*28th September, 2007  
 Department of Chemical- J Coll Physicians Surg Pak. 2007 Jun;17(6):331-5. ([DOI Direct Link](#))
  - [Influence of kappa-carrageenan gel structures on the diffusion of probe molecules determined by transmission electron microscopy and NMR diffusometry.](#)  
*The influence of the microstructures of different kappa-carrageenan gels...*7th September, 2007  
 SIK, The Swedish Institute for Food and Biotechnology, PO Box 5401, SE-402- Langmuir. 2006 Sep 12;22(19):8221-8. ([DOI Direct Link](#))
  - [Toward an enzyme-based oxygen scavenging laminate. Influence of industrial lamination conditions on the performance of glucose oxidase.](#)  
*The laminate consisted of several polymer layers, aluminium, and one...*19th July, 2007  
 SIK, The Swedish Institute for Food and Biotechnology, Ideon, Lund,- Biotechnol Bioeng. 2002 Jul 5;79(1):37-42.
  - [Influence of long-chain polyphosphate and heat treatment on Clostridium cochlearium and Clostridium sporogenes isolated from processed cheese spread.](#)  
*The outgrowth of Clostridium spp. spores causes spoilage in processed...*15th May, 2007  
 SIK (The Swedish Institute for Food and Biotechnology), Ideon Research- J Food Prot. 2007 Mar;70(3):744-7.
  - [Characterization of Clostridium spp. isolated from spoiled processed cheese products.](#)  
*Of 42 spoiled cheese spread products, 35 were found to harbor Clostridium...*8th September, 2006  
 SIK-The Swedish Institute for Food and Biotechnology, Ideon Research Park,- J Food Prot. 2006 Aug;69(8):1887-91.
  - [Development and biological properties of a new live attenuated mumps vaccine.](#)  
*To develop a new live attenuated mumps vaccine, a wild mumps Y7 strain...*13th July, 2006  
 Chiba Prefectural Institute of Public Health, 666-2 Nitona-Cho, Chuo-Ku,- Comp Immunol Microbiol Infect Dis. 2006 Mar-May;29(2-3):89-99. Epub 2006 ([DOI Direct Link](#))
  - [Microstructure and kinetic rheological behavior of amidated and nonamidated LM pectin gels.](#)  
*The microstructure, kinetics of gelation, and rheological properties have...*3rd March, 2006  
 SIK, The Swedish Institute for Food and Biotechnology P.O. Box 5401, SE-- Biomacromolecules. 2006 Jan;7(1):114-21. ([DOI Direct Link](#))

- [Microfluidic chip-based electrochemical immunoassay for hippuric acid](#)  
RSC: Nov 1 2009 1:19AM Matching: sik

**SIK Patents:**



- 7445064- [Vehicle using wind force](#)
- 5174309- [Cigarette with installed fire extinguisher](#)
- 5175995- [Power generation plant and power generation method without emission of carbon dioxide](#)
- 5271420- [Wigs without head cap made of wefts of single line stitch](#)
- 5782081- [Hydrogen-oxygen burning turbine plant](#)
- 6446864- [System and method for managing gaming tables in a gaming facility](#)
- 6456093- [Apparatus and method for detection of foreign bodies in products](#)
- 6537551- [Anti-tumor agent comprising salmosin as an active ingredient](#)
- 6697984- [Apparatus and method for adaptive hybrid ARQ concatenated FEC](#)
- 6781274- [Rotor for synchronous motor and method of manufacturing the same](#)
- 6905205- [Lens fixing apparatus for rimless spectacle](#)
- 6915807- [Hair setting device](#)
- 7033788- [Protein derived from Agkistrodon saxatilis emelianov and process preparing the same](#)
- 7082960- [Pipe tapping apparatus](#)
- 7335766- [Method for producing a chitosan containing salt having a function of lowering blood pressure](#)
- 4971708- [Emulsion for treatment of cellulose filaments and method for preparation of cellulose filaments with use of the emulsion](#)

## BioCorporate Profiles - upgrade to a full profile

BioPortfolio's BioCorporate full profiles offers your organization the opportunity to increase internet traffic to your corporate web site and enhance awareness of your business, technology, products and services. BioCorporate profiles are dynamic and are updated weekly with new information sourced from core information resources: publications, clinical trials, patents and global news.

Why you should upgrade your BioPortfolio BioCorporate profile:

- the ability to amend and add information on products and services to your profile using a membership username and password
- the option to add a corporate logo
- the creation of high value URL links back to your organization's website which will improve search engine ranking - resulting in increased site traffic

- the option have your press releases published on BioPortfolio and distributed via our BioNewsCast service
- an enhanced BioCorporate profile will also improve your exposure on BioPortfolio's related service InDepth and GeneDB

The annual cost is \$995.00 for established organizations and \$495.00 for organizations less than 12 months old.

\*\*\*

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Stafford House, 10 Prince of Wales Road, Dorchester, Dorset, DT1 1PW, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2009 - BioPortfolio Limited.

