

<b>Unit type</b>	<b>Application</b>	<b>Article name</b>	<b>Autor/Organisation</b>	<b>Published</b>
J1	For electro-bioremediation, technology used for the treatment of contaminated soil by stimulating the release of hydrophobic organic compounds.	Electroosmotic Flow Stimulates the Release of Alginate-Bound Phenanthrene	Lei Shi, Hauke Harms and Lukas Y. Wick / UFZ Helmholtz-Centre for Environmental Research, Department of Environmental Microbiology, Leipzig, Germany	Environ, Sci. Technol., 2008, 42 (6), pp 2105-2110
J1	Bone tissue engineering, biocapable substitutes capable of restoring, maintaining or improving bone function	Immobilization of Human Mesenchymal Stem Cells.	S J Bidarra, C C Barrias, M A Barbosa, R Soares, P L Granja / Instituto de Engenharia Biomedica, University of Porto, Portugal/ Dept. Biochemistry, Faculty of Medicine, University of Porto, Portugal	European Cells and Materials Vol. 14. Suppl. 1, 2007, page 52
J1	Bone tissue regeneration, delivery vehicles for drugs, proteins or genes	Proliferation, activity, and osteogenic differentiation of bone marrow stromal cells cultured on calcium titanium phosphate microspheres	Cristina C. Barrias, Cristina C. Ribeiro, Meriem Langhari, Clara Sa Miranda, Mario A. Barbosa /Instituto de Engenharia Biomedica, Laboratorio de Biomateriais, Porto, Portugal / Universidade do Porto, Faculdade de Engenharia, Departamento de Engenharia Metalurgica e Materiais, Porto, Portugal / instituto Superior de Engenharia do Porto, Departamento de Fisica, Porto, Portugal / IBMC, Unidade de Biologia e Peroxissoma, Porto, Portugal / Instituto de Genetica Medica Jacinto de Magalhaes, Porto, Portugal	12 November 2004 Wiley InterScience. DOI:10.1002/jbm.a.30217
J1	Bone regeneration templates, bone engineering, drug delivery systems	Calcium phosphate-alginate microspheres as enzyme delivery matrices	C.C Ribeiro, C. C Barrias, M. A. Barbosa / Laboratorio de Biomateriais, INEB, Porto, Portugal, Faculdade de Engenharia, Universidade do Porto, Portugal / ISEP, Porto, Portugal	11 November 2003 / Biomaterials 25 (2004) 4363-4373

J1	Injectable drug delivery systems with the drug releasing capability	Nanohydroxyapatite microspheres as delivery system for antibiotics; Release kinetics, antimicrobial activity and interaction with osteoblasts	M. P. Ferraz, A. Y. Mateus, J. C. Sousa, F. J. Monteiro / INEB, Porto, Portugal / Faculdade de Ciencias da Saude da Universidade Fernando Pessoa, Porto, Portugal / Departamento de Engenharia e Materiais, Universidade do Porto, Porto, Portugal	24 January 2007 in Wiley InterScience. DOI:10.1002/jbm.a.31151
J1	Drug delivery systems and bone-regeneration matrices	Comparative study of nanohydroxyapatite microspheres for medical applications	Alis Yovana Pataquiva Mateus, Cristina C. Barrias, Cristina Ribeiro, Maria P. Ferraz / INEB, Porto, Portugal / Departamento de Engenharia Metalurgica e Materiais, Universidade do Porto, Porto, Portugal / Instituto Superior de Engenharia do Porto, Porto, Portugal /Universidade Fernando Pessoa, Porto, Portugal	1 November 2007 in Wiley InterScience. DOI:10.1002/jbm.a.31634
J1	Calcium pectinate beads as an attractive drug carrier for oral delivery.	Mechanical characterisation of calcium pectinate hydrogel for controlled drug delivery	Jin Thau Chung, Zhibing Zhang /School of Engineering, the University of Birmingham, Edgbason, Birmingham, UK	18 November 2003, Chem. Ind. 57 (12) 611-616 (2003)
J1	Treating of bone defects caused by trauma, disease or tissue loss. Injectable systems for cell transplantations	Upregulation of bone cell differentiation through immobilization within a synthetic extracellular matrix	Marta B. Evangelista, Susan X. Hsiong, Rui Fernandes, Paula Sampaio, Hyun-loon Kong, Cristina C. Barrias, Roberto Salema, Mario A. Barbosa, David J. Mooney, Pedro L. Granja / INEB, Laboratorio de Biomateriais, Porto, Portugal; Universidade do Porto, Faculdade de Engenharia, Porto, Portugal; Harvard School of Engineering and Applied Sciences, Laboratory for Cell and Tissue Engineering, Cambridge, MA, USA; University of Michigan, Department of Chemical Engineering, MI, USA; IBMC (Institute for Molecular and Cell Biology, Porto, Portugal	Biomaterials 28 (2007) 3644-3655

J1	Implementation of a new process: spray freeze drying (SFD) to produce dry micro-capsules of <i>Lactobacillus paracasei</i> with high viability	Microencapsulation of <i>Lactobacillus paracasei</i> by spray freeze drying	David Semyonov, Ory Ramon, Zoya Kaplun, Luba Levin-Brener, Nady Gurevich, Eyal Shimoni/ Faculty of Biotechnology and Food Engineering, Technion-Israel, Institute of Technology, Haifa 32000, Israel	Food Research International, Volume 43, Issue 1, January 2010, Pages 193-202
J1	<b>The enteric coated tablet or capsule of the invention enables fast release of the protein, polypeptide or peptide drug at different times at desired loci in the gastrointestinal tract</b>	<b>Oral delivery of proteins and peptides</b>	<b>Shimon Mizrahi, Ory Ramon, Isaiah J. Kopelman, Isaiah J. Kopelman, Nir Salzman, Yaakov Nahmias, Aharon Oren</b>	<b>IPC8 Class: AA61K948FI; Patent application number: 20100303901; Publication date: 12/02/2010</b>
J30	"Nano -in-micro" systems for use as drug release vehicles	Nano-in-micro alginate hybrid particles	Abhijeet Joshi, R. Keerthiprasad, Rahul Dev Jayant and Rohit Srivastava / Department of Biosciences and Bioengineering, IIT Bombay	Carbohydrate Polymers, Volume 81, Issue 4, 23 July 2010, Pages 790-798
J30	Polyelectrolyte-coated alginate microspheres as release systems to improve biocompatibility and prolong lifetime of implantable glucose sensors.	Polyelectrolyte-coated alginate microspheres as drug delivery carriers for dexamethasone release	R. D. Jayant, M. J. McShane, R. Srivastava / School of Bioscience and Bioengineering, IIT Bombay, Mumbai, India; Biomedical Engineering Department, Texas A & M University, College Station, TX, USA	Drug Delivery, August 2009, Vol. 16, No. 6, Pages 331-340

J30	Immobilization of cresol red molecules using calcium alginate microspheres as templates	Nanoengineered Alginate Microspheres Comprising Multilayered Assemblies of Cresol Red and Polyelectrolytes for an Optical pH Sensor	M. Swati, N. Nisha, R. Srivastava / School of Bioscience and Bioengineering, IIT Bombay, Mumbai, India	Journal of Bionanoscience, Volume 1, Number 2, December 2007, pp 90-95(6)
J30	Immobilization of cresol red molecules using calcium alginate microspheres as templates	Alginate Microspheres Comprising Assemblies of Cresol Red and Polyelectrolytes Towards an Optical Urea Biosensor	M. Swati, R. Srivastava / School of Bioscience and Bioengineering, IIT Bombay, Mumbai, India	Nanotechnology, 2008, 18.21 August 2008, pp 733-736
J30	Developing nanoengineered alginate microspheres for localized delivery of anti-inflammatory drugs	In vitro and in vivo evaluation of anti-inflammatory agents using nanoengineered alginate carries: Towards localized implant inflammation suppression	Rahul Dev Jayant, Michael J. McShane and Rohit Srivastava/ Department of Biosciences and Bioengineering, Indian Institute of Technology (IIT Bombay), Powai, Mumbai, India; Biomedical Engineering Department & Material Science and Engineering Program, Texas A & M University, College Station, TX, USA	International Journal of Pharmaceutics, Volume 403, Issues 1-2, 17 January 2011, Pages 268-275
J30	Protective effect upon cell viability, protection of food, encapsulating probiotics	Effect of storage conditions on stability of free and encapsulated-in plain or cysteine-supplemented alginate, Lactobacillus acidophilus Ki	Sousa S., Gomes A., Pintado M., Silva J, Costa P., Amaral M., Rocha-Santos T., Rodrigues D., Freitas A./ CBQF-Escola Superior de Biotecnol, Univ. Catolica Portuguesa, Porto, Portugal. Fac Farm., Univ. do Porto, Porto, Portugal. ISEIT/ Viseu, Instituto Piaget, Viseu, Portugal	XVIII International Conference on Bioencapsulation, Portugal-October 1-2, 2010

V1	Cardiac tissue engineering, improvements of cell survival	The use of human mesenchymal stem cells encapsulated in RGD modified alginate microspheres in the repair of myocardial infarction in the rat	Jiashing Yu, Kim T. Du, Oizhi Fang, Yiping Gu, Shirley S. Mihardja, Richard E. Sievers, Joseph C. Wu, Randall J. Lee / University of California Berkeley and San Francisco, USA, Cardiovascular Research Institute, Eli and Edythe Broad Center of Regeneration Medicine and Stem Cell Research; Department of Medicine, University of California, San Francisco, USA; Department of Medicine, Division of Cardiology, Stanford University School of Medicine, Stanford, CA, USA	Biomaterial 2010, 1-9
V1	Fermentation in food industry	Bioethanol production from corn meal by simultaneous enzymatic saccharification and fermentation with immobilized cells of <i>Saccharomyces cerevisiae</i> var. <i>Ellipsoideus</i>	Svetlana Nikolic, Ljiljana Mojovic, Narica Rakin and Dusanka Pejin / Faculty of Technology and Metallurgy, Department of Biochemical Engineering and Biotechnology, University of Belgrade, Serbia; Faculty of Technology, University of Novi Sad, Serbia	Fuel, Volume 88, Issue 9, September 2009, pp 1602-1607
V1	Drug release behavior of the beads, water soluble drugs	In vitro evaluation and modification of pectinate gel beads containing trimethyl chitosan, as a multi-particulate system for delivery of water-soluble macromolecules to colon	Fatemeh Atyabi, Sayeh Majzoob, Maryam Iman, Masoud Salehi and Farid Dorkoosh / Department of Pharmaceutics, Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran; Department of Epidemiology and Biostatistics, School of Public Health, Tehran University of Medical Sciences, Tehran, Iran	Carbohydrate Polymers, Volume 61, Issue 1, 4 July 2005, pp 39-51
V1	Artificial bones	Injectability of a bone filler system based on hydroxyapatite microspheres and a vehicle with in situ gel-forming ability	Serafim M. Olivera, Cristina C. Barrias, Isabel F. Almeida, Paulo C. Costa, Maria R. Pena Ferreira, Maria F. Bahia, Mario A. Barbosa / Escola Superior de Tecnologia de Viseu, Dep. De Eng. Mecanica e Gestao Industrial, Viseu, Portugal; Instituto Engenharia Biomedica, Divisao de Biomaterials, Porto, Portugal; Faculdade de Farmacia da Universidade do Porto, Portugal	Journal of Biomedical Materials, volume 87B, issue 1, pp 49-58, 24 April 2008

V1	Corn as biofuel	Effect of different fermentation parameters on bioethanol production from corn meal hydrolyzates by free and immobilized cells of <i>Saccharomyces cerevisiae</i> var. <i>Ellipsoideus</i>	Svetlana Nikolic, Ljiljana Mojovic, Narica Rakin and Dusanka Pejin, Viktor Nedovic / Faculty of Technology and Metallurgy, Department of Biochemical Engineering and Biotechnology, University of Belgrade, Serbia; Faculty of Technology, University of Novi Sad, Serbia; Faculty of Agriculture, University of Belgrade, Serbia	Journal of Chemical Technology and Biotechnology, Volume 84, Issue 4, pp 497-503, 20 October 2008
V1	Oral drug delivery	The impact of Trimethyl Chitosan on in Vitro Mucoadhesive Properties of Pectinate Beads along Different Sections of Gastrointestinal Tract	Fatemeh Atyabi, Sayeh Majzoob, Farid Dorkoosh, Mohammad Sayyah and Gilles Ponchel / The Medical Nanotechnology Research Center, Faculty of Pharmacy, Tehran University of Medical Sciences, Iran / Department of Pharmaceutics, Faculty of Pharmacy, Tehran University of Medical Sciences, Iran / Department of Physiology and Pharmacology, Pasteur Institute of Iran, Tehran, Iran / Laboratoire de Physicochimie, Malabry, France	Drug Development and Industrial Pharmacy. 2007, Vol. 33, No. 3 291-300
V1	Tissue engineering	Phenotype and Gene Expression of Human Mesenchymal Stem Cells in Alginate Scaffolds	Katrine B. Fronsdal, Krisztina Szöke, Aboulghassem Shahdadfar, Jan Egil Melvik, Jan E. Brinchmann / Institute of Immunology, Rikshospitalet University Hospital, Oslo. Norway / NovaMatrix /FMC Biopolymer, Sandvika, Norway	Tissue Engineering Part A, July 2009, 15(7): 1763-1773
V1	New models of delivery of antibodies for treatment of Crohn's disease	Anti-tumor Necrosis Factor-Alpha-Loaded Microspheres as a Prospective Novel Treatment for Crohn's Disease Fistulae	Keen Shawn Fonng, Rishni Patel, Alastair Forbes, Richard M. Day /Biomaterials and Tissue Engineering Group, Centre for Gastroenterology and Nutrition, Windeyer Institute, University College London, London, UK	Tissue Engineering Part C: 2010 Methods: ahead of print

V1	Immunoisolation Membranes for use in Cellular Therapeutics	Diffusion Characteristics of Microfabricated Silicon Nanopore Membranes as Immunoisolation Membranes for Use in Cellular Therapeutics	Catherine Smith, Randy Kirk, Teri West, Marsha Bratzel, Michael Cohen, Francis Maritn, Anthony Boiarski, Arfaan A. Rampersaud / iMedd, Inc, Foster City, California, USA	Diabetes Technnology and & Therapeutics, February 2005, 7 (1): 151-162
V1	Cell assembly Technology	Design and Evaluation of a Cell Microencapsulating Device for Cell Assembly Technology	Rui Yao, Renji Zhang, Xiaohong Wang / Kea Laboratory for Anvanced Materials Processing Technology, Ministra of Education and Center of Organ Manufacturing Department of Mechanical Engineering, University Beijing , China	Journal of Bioactive and Compatible Polymers, Vol. 24,N. 1 Suppl, 48-62 (2009)
V1	Stemm cell research	Alginate encapsulation and hepatic differentiation of embryonic stem cells	Maguire, T. J; Novik, E. I; Yarmush, M.L / Departmento of Biomed. Engineering, Rutgers University, Piscataway, NJ, UISA	Bioengineering Conference, 2005, 2-3 April, Pp. 213-214
V1	Properties of alginate microbeads in the development of a bioartificial pancreas	NMR properties of alginate microbeads	Nicholas E. Simpson, Samuel C. Grant, Stephen J. Blackband, Ioannis Constantinidis / Department of Medicine/ Department of Neuroscience, University of Florida, USA; McKnight Brain Institute, University of Florida, USA; Center for Structural Biology, University of Florida, USA; National High Magnetic Field Laboratory, Florida, USA	Biomaterials 24 (2003) 4941-4948
V1	Prevention of photo-degradation of nifedipine by UV light using encapsulation	Effect of Microencapsulation on Photo-Stability of Nifedipine	Rassoul Dinarvand, Zahra Kouchakzadeh, Shadi H. Moghadam and Fatemeh Atyabi / Faculty of Pharmacy, Tehran University of Medical Sciences, Tehran, Iran	Iranian Journal of Pharmaceutical Research

V1	Bioethanol production for energy consumption using immobilization methods	Bioethanol production by immobilized <i>Sacharomyces cerevisiae</i> var. <i>ellipsoideus</i> cells	Marica Rakin, Ljiljana Mojovic, Svetlana Nikolic, Maja Vukasinovic and Victor Nedovic / Department of Biomechanical Engineering and Biotechnology, Faculty of Technology and Metallurgy, University of Belgrade, Serbia; Insitute of Food Technology and Biochemistry, Faculty of Agriculture, University of Zemun, Serbia	African Journal of Biotechnology Vol. 8 (3), pp. 464-471, 4 February 2009
V1	Ethanol production using immobilized yeast	Improvement of Ethanol Fermentation of Corn Semolina Hydrolizates with Immobilized Yeast by Medium Supplementation	Svetlana Nikolic, Ljiljana Mojovic, Dusanka Pejcin, Marica Rakin and Vesna Vucurovic / Faculty of Technology and Metallurgy, University of Belgrade, Serbis; Faculty of Technology, University of Novi Sad, Serbia	ISSN 1330-9862 (FTB-2032), May 2008
V1	Cell viability by cell microencapsulation with alginate	Alginate-PLL Microencapsulation: Effect on the Differentiation of Embryonic Stem Cells into Hepatocytes	Tim Maguire, Eric Novik, Rene Schloss, Martin Yarmush / Department of Biomedical Engineering, Rutgers University, New Jersey, USA	Wiley Inter Science DOI: 10.1002/bit.20748, 12 December 2005
V1	Examining of the alginate layer using the high resolution images of the special microscope regarding the integrity of initial microstructure	Non-Invasive Evaluation of Alginate/Poly-L-lysine /Alginate Microcapsules by Magnetic Resonance Microscopy	Ioannis Constantinidis, Samuel C. Grant, Susanne Celper, Isabel Gauffin Holmberg, Kristina Agering, Jose A. Oca-Cossio, Jonathan D. Bui, Jeremy Flint, Christine Hamyty, Nicholas E. Simpson and Stephen J. Blackband / Division of Endocrinology, Department of Medicine, University of Florida, USA; National High Magnetic Field Laboratory, Florida, USA; Department of Neuroscience, University of Florida, McKnight Brain Institute, University of Florida, Royal Institute of Technology and the Royal Karolinska Medical and Surgical Institute, Stockholm, Sweden	Biomaterials, 2007 May, 28(15): 2438-2445

V1	Developing a polymeric delivery system for spine fusion; research of a novel and cost-effective means of achieving spinal fusion.	Controlled release of recombinant human bone morphogenetic protein type 2 from heparin conjugated multilayered alginate microbeads to enhance new bone formation in spine fusion	Lu Z. P., Abbah, S. A., Wong HK, Goh JCH; NUS Tissue Engineering Program, Life Science Institute, DSO (Kent Rige) Building , 27 Medical Drive, Level 4, Singapore	not clear
V1	Encapsulation of adipose-derived stem cells in alginate microspheres	Alginate Microencapsulation Technology for the Percutaneous Delivery of Adipose-Derived Stem Cells	Hunter R Moyer, Ramsey C Kinney, Kimberly A Singh, Joseph K Williams, Zvi Schwartz and Barbara D Boyan; Division of Plastic and Reconstructive Surgery, Emory University, Atlanta, USA	Annals of Plastic Surgery: November 2010-Volume 65-Issue 5-pp 497-503
V1 nozzles	Coaxial electrospinning as a method of producing superhydrophobic materials	Superhydrophobic and Oleophobic Fibers by Coaxial Electrospinning	Daewoo Han and Andrew J. Steckl / Nanoelectronics Laboratory, Department of Electrical and Computer Engineering, University of Cincinnati, USA	American Chemical Society, Langmuir Article, 2009, 25 (169, 9454-9462)
V1	<b>Beads and hydrogels as methods for treating individuals and repairing tissues</b>	<b>Methods and systems for using biopolymer-based beads and hydrogels</b>	<b>Inventors:Francis Rauh, Randall J. Lee, Mark Maciejewski</b>	<b>WIPO: Patent application, Pub. No.: WO/2007/147014 / Publication Date: 21.12.2007</b>
VAR D	Production of monodisperse beads under the influence of vibration /Production at a larger scale by the prilling	Preparation and characterization of chitosan micro networks: Transposition to a prilling process	L. Martinez, F. Agnely, R. Bettini, M. Besnard, P. Colombo, G. Coarraze /Laboratoire de Physique Pharmaceutique UMR CNRS, Faculté de Pharmacie de l'Université Paris-Sud, France / Dipartimento Farmaceutico, Facoltà di Farmacia, Università degli Studi di Parma, Italy	Wiley Interscience, Journal of Applied Polymer Science, Volume 93 Issue 6, Pages 2550-2558, published 7 July 2004

VAR D	Studying the effects of polymer concentration, viscosity and flow rate on the characteristics of beads	Mechnisms of formation and disintegration of alginate beads obtained by prilling	Pasquale Del Gaudio, Paolo Colombo, Gaia Colombo, Paola Russo and Fabio Sonvico / Department of Pharmacy, University of Parma, Italy	International Journal of Pharmaceutics, Volume 302, Issues 1-2, 30 September 2005, Pages 1-9
VAR D	Investigating release profiles of drugs by prilling	Encapsulation of Ketoprofen and Ketoprofen Lysinate by prilling for controlled drug release	Pasquale Del Gaudio, Paola Russo, Maria Rosaria Lauro, Paolo Colombo and Rita P. Aquino	AAPS PharmSciTech /Springer New York/ Volume 10, Number 4/December 2009, S. 1178-1185
VAR D	Examining the adsorption behaviour and mechanisms of Chitosan hydrogel beads	Adsorption of lead and humic acid on chitosan hydrogel beads	W. L. Yan, Renbi Bai /Department of Chemical and Biomolecular Engineering, National University of Singapore, Singapore	Water Research 39 (2005) 688-698
VAR D	Effective removal of heavy metal ions from aqueous solution	Mechanisms of lead adsorption on Chotosan/PVA hydrogel beads	W. L. Yan, Renbi Bai /Department of Chemical and Biomolecular Engineering, National University of Singapore, Singapore	Langmuir 2002,18, 9765-9770
VAR D	Identification of conserved DNA fragments in poorly characterized DNA samples	Novel method for high-throughput colony PCR screening in nanoliter-reactors	Marcel Walser, Rene Pellaux, Andreas Weyer, Matthias Bechtold, Herve Vanderschuren, Richard Reinhardt, Joseph Magyar, Sven Panke and Martin Held /ETH Zürich, Institute of Process Engineering, BioProcess Laboratory; ETH Zürich, Institute of Plant Science, Plant Biotechnology; Max Planck Institute for Molecular Genetics, Analytics and Computing, Berlin, Germany; Harlan Laboratories Ltd, Environmental Safety and Metabolism, Itingen, Switzerland	Nucleic Acids Research, 2009, Vol. 37, No. 8

VAR D	New method to produce microcapsules 300 to 700 µm	Development of a new technique to generate microcapsules from the breakup of non-Newtonian highly visous jets	C. Rodrigues-Rivero, E. M. M. Del Valle, M. A. Galan/	American Institute of Chemical Engineers AIChE J, 2011
VAR D	Lead adsorption	Novel Chitason-cellulose hydrogel absorbents for lead adsorption	Nan Li and Renbi Bai / Department of Chemical and Biomolecular Engineering, National Insitut of Singapore	not clear
VAR D and J30	Methods of screening of biomolecules and biological systems	Suspension arrays for species-species interaction	Sven Panke, Rene Pellaux, Martin Held, Andreas Meyer / ETH Zürich, Switzerland	WIPO:Patent application, Publ. Number WO/2009/132820 / Publication Date 05.11.2009
VAR D	Manufacturing a drug delivery particle and delivering a therapeutic agent to a patient	Drug Delivery Particle	Janel Lanphere, Erin Mckenna, Wendy Naimark, Marcia Buiser, Stephan Mangin / Boston Scientific Limited, USA	WIPO: Patent application, Publ. Number WO/2003/082360 / Publ Date 09.10.2003
VAR D	The present application relates to particles, compositions comprising such particles, and processes for making and using such particles and compositions.	Delivery particle	Johan Smets, Susana Fernandez Prieto / The Procter and Gamble Company	Application 20100251485 Filed on March 25, 2010. Published on October 7, 2010

VAR E	Encapsulation of the whole-cell biocatalist	Immobilization of a whole-cell epoxidehydrolyzing biocatalyst in sodium alginate cellulose sulfate-poly(methylene-co-guanidine) capsules using a controlled encapsulation process	Marek Bucko, Alica Vikartovska, Igor Lacik, Gabriela Kollarikova, Peter Gemeiner, Vladimir Patoprsty and Michal Brygin / Institute of Chemistry, Slovak Academy of Sciences, Bratislava, Slovakia; Polymer Institute, Slovak Academy of Sciences, Bratislava, Slovakia; Department of Biochemical Technolox, Faculty of Chemical and Food Technology, Slovak University of Technology, Bratislava, Slovakia	Enzyme and Microbial Technologia, Volume 36, Issue 1, 6 January 2005, Pages 118-126
VAR E	Immobilization of bacterisl cells had a positive effect on the activity, storage stability, yield and time of bioconversion	Flow-Calorimetry- A useful tool for Determination of immobilized cis-Epoxy succinate Hydrolsase Activity from Nocardia tartaricans	Alica Vikartovska, Marek Bucko, Dr. Peter Gemeiner, Jozef Nahalka, Vladimir Patoprsty and Eva Hhabarova / Institute of Chemistry, Slovak Academy of Sciences, Bratislava, Solcak Reublic	Artificial Cells, Blood Substitutes and Biotechnology 2004, Vol 32, No 1, Pages 77-89
VAR E	Technique for the large-scale synthesis of oligosaccharides	Nucleoside triphosphates production usig recombinant Escherichia coli entrapped in calcium pectae gel	Jozef Nahalka, Ziyu Liu, Peter Gemeiner and Peng George Wang / Department of Chemistry, Wayne State University, Detroit, Michigan, USA; Institute of Chemistry, Slovak Academy of Sciences, Bratislava, Slovak Republic	Biotechnology Letters, Volume 24, Number 22/ Juni 2002