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Protein electroextraction coupled to direct sorption – a new route for primary recovery of intracellular bioproducts from industrial yeast

Results

Project Information

ELECTROEXTRACTION

Grant agreement ID: 222220

[Project website](#) 

Project closed

Start date

1 December 2008

End date

31 May 2011

Funded under

Specific Programme "Capacities": Research for the benefit of SMEs

Total cost

€ 1 316 800,00

EU contribution

€ 946 440,00

Coordinated by

CONSTRUCTOR UNIVERSITY
BREMEN GGMBH




Germany

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Publications

Publications via OpenAIRE (15)



[Purification, structural characterization, and technological properties of an aspartyl proteinase from submerged cultures of *Mucor mucedo* DSM 809](#) 

Author(s): Marcelo Fernández-Lahore; Sirma Yegin; Sirma Yegin; Yekta Göksungur

Published in: Elsevier BVCrossref 2012

Permanent ID: Digital Object Identifier:10.1016/j.foodchem.2012.01.075; Microsoft Academic Graph Identifier:1970498581; Handle:11454/18485

[Biological Dark Matter Exploration using Data Mining for the Discovery of Antimicrobial Natural Products](#) 

Author(s): José Rivera-Chávez; Corina-Diana Ceapă; Mario Figueroa

Published in: Georg Thieme Verlag KGCrossref 2022

Permanent ID: Digital Object Identifier:10.1055/a-1795-0562; Digital Object Identifier:10.60692/gkxvd-79g96; Digital Object Identifier:10.60692/29yxn-83906; PubMed ID:35697058

[Evidence that Pulsed Electric Field Treatment Enhances the Cell Wall Porosity of Yeast Cells](#) 

Author(s): Valentina Ganeva; Bojidar Galutzov; Justin Teissié

Published in: Springer Science and Business Media LLCrossref 2013

Permanent ID: Digital Object Identifier:10.1007/s12010-013-0628-x; PubMed ID:24222499; Microsoft Academic Graph Identifier:1990148196

[Cell Membrane Electroporation](#)

Author(s): Teissie, J.; Zerbib, D.

Published in: Elsevier BV <https://hal.science/hal-01883426> 2018

Permanent ID: Digital Object Identifier:10.1016/b978-0-12-409547-2.14139-3

[Extended DLVO calculations expose the role of the structural nature of the adsorbent beads during chromatography](#)

Author(s): Marcelo Fernández-Lahore; Noor Shad Bibi; Muhammad Aasim; Muhammad Aasim; Rami Reddy Vennapusa

Published in: WileyCrossref 2012

Permanent ID: Digital Object Identifier:10.1002/jssc.201100719; PubMed ID:22689481; Microsoft Academic Graph Identifier:2113674647

[A novel process for the recovery of superoxide dismutase from yeast exploiting electroextraction coupled to direct sorption](#)

Author(s): Marco Rito-Palomares; Valentina Ganeva; Bojidar Galutzov; Marcelo Fernández-Lahore; Marcelo Fernández-Lahore; Jorge Benavides; Rami Reddy Vennapusa; Jesús Simental-Martínez; Jesús Simental-Martínez

Published in: WileyCrossref 2013

Permanent ID: Digital Object Identifier:10.1002/jctb.3993; Microsoft Academic Graph Identifier:1959443579

[Synthesis and sorption performance of highly specific imprinted particles for the direct recovery of carminic acid](#)

Author(s): Bibi, Noor Shad; Galvis, Leonardo; Grasselli, Mariano; Fernández-Lahore, Marcelo

Published in: Elsevier BV [instname:Consejo Nacional de Investigaciones Científicas y Técnicas](https://doi.org/10.1016/j.procbio.2012.04.030) 2012

Permanent ID: Digital Object Identifier:10.1016/j.procbio.2012.04.030; Microsoft Academic Graph Identifier:2051916767; Handle:11336/67662

[Flow Process for Electroextraction of Total Proteins from Microalgae](#)

Author(s): Nehaya Al-Karablieh; Justin Teissié; Justin Teissié; Claudia Thomsen; Mathilde Coustets; Mathilde Coustets

Published in: Springer Science and Business Media LLC [Crossref](https://doi.org/10.1007/s00232-013-9542-y) 2013


Permanent ID: Digital Object Identifier:10.1007/s00232-013-9542-y; PubMed ID:23575984; Microsoft Academic Graph Identifier:2084942897

[Utilization of surface energetics approach to Understand protein interaction to ceramic hydroxyapatite](#)

Author(s): Noor Shad Bibi; Marcelo Fernández-Lahore; Muhammad Aasim; Muhammad Aasim; Rami Reddy Vennapusa

Published in: WileyCrossref 2013

Permanent ID: Digital Object Identifier:10.1002/jctb.4065; Microsoft Academic Graph Identifier:1922986979

[Synthesis and performance of 3D-Megaporous structures for enzyme immobilization and protein capture](#) 

Author(s): Silvia L. Soto Espinosa; Poondi Rajesh Gavara; Mariano Grasselli; Marcelo Fernández-Lahore; Noor Shad Bibi; Noor Shad Bibi

Published in: WileyCrossref 2011

Permanent ID: Digital Object Identifier:10.1002/btpr.648; PubMed ID:21692198; Microsoft Academic Graph Identifier:2066174506

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European Union, 2025