

Mihaela COTARLET

Scientific activity

Published papers

Mihaela Cotarlet, Teodor Negoită, Gabriela Bahrim, Peter Stougaard, 2008, Screening of polar streptomyces able to produce cold-active hydrolytic enzymes using common and chromogenic substrates, Romanian Biotechnological Letters, vol. 13, no 5, supplement 2008, pp 69-80.

Mihaela Cotarlet, Teodor Negoită, Gabriela Bahrim, Peter Stougaard, 2008, Cold-adaptation and alkaline hydrolytic proprieties of the polar streptomyces prediction on plate assay, based on insoluble chromogenic substrates with azurine cross-linked, The Annals of the University Dunarea de Jos, Fascicle VI Food Tecnology, New Series Year II (XXXI), Galati University Press – Romania 2008, pg. 17-22, ISSN 1843 – 5157

Gigi Coman, Mihaela Cotarlet, Gabriela Bahrim, Peter Stougaard, 2008, Increasing the efficiency of screening streptomyces able to produce glucanases by using insoluble chromogenic substrates, Romanian Biotechnological Letters, 13(6): 20-25

Mihaela Cotarlet (Scantee), Bahrim Gabriela, Teodor Negoita – Biotechnological conditions of amylase and protease complex production and utilization involving filamentous bacteria, The Annals of the University Dunarea de Jos, Fascicle VI Food Tecnology, New Series Year I (XXX), Galati University Press – Romania 2007, pg. 76-81, ISSN 1843 – 5157

Mihaela Cotarlet, Bahrim Gabriela, Teodor Negoita, Polar bacteria – enzyme sources for bioremediation, Polar research workshop – the european polar research icebreaker Aurora Borealis – FP7 project, the 2nd international symposium of polar scientific research international polar year 2007-2009, 16-17 noiembrie 2007, Bucharest.

Oral presentations

Mihaela Cotarlet (Scantee), Bahrim Gabriela, Teodor Negoita. 2008. Antarctic soils, resources of microorganisms with biotechnological properties. Geophysical Research Abstracts, Vol. 10, EGU2008-A-11212, 2008, SRef-ID: 1607 7962/gra/EGU2008-A-11212, EGU General Assembly

T.Gh. Negoita, G. Bahrim, M. Cotarlet, W. Wenliang, M. Sidorof. 2008. Microbiological Study Of Grove Mountains Soils, East Antarctica.. Polar Research - Arctic and Antarctic Perspectives in the International Polar Year July 8 - 11, 2008 St.Petersburg, Russia

Petre Popescu, Petre Paraschiv, Teodor Gh. Negoita, Mihaela Cotarlet, Paul Andrei Iordache, Gabriela Bahrim, Toparceanu F., Romanian Scientific Activities in Polar Areas in Cooperation with U.S./National Science Foundation and Denmark/Copenhagen University – Life Sciences Faculty Greenland 2008, Antarctic Treaty Consultative Meeting, Kyiv, Ukraine, 2-13 June 2008, IP 66 rev. 1

Negoita, T. Gh., Cotta, M., Cotarlet, M., Bahrim, G., Wenliang, W., Grove Mountains, East Antarctica - between scientific research and environmental protection, Antarctic Treaty Consultative Meeting, Kyiv, Ukraine, 2-13 June 2008, IP 64

Preliminary studies regarding starch by-products bioconversion outcome from potatoes treatment- dissertation project, Coordinators: prof.dr. eng. Gabriela Bahrim; conf. dr.chim. Rodica Dinica

Mihaela Scantee (Cotarlet), 2005, Hydrolase's biosynthesis and characterisation acquired with Streptomyces sp. from MIUG collection, Students Scientific Session, University Dunarea de Jos Galati, 1st award, coordinator: prof.dr. eng. Gabriela Bahrim

Mihaela Scantee (Cotarlet), Andreas Rebhan, 2006, Sustainable tourism concept, Conferinta COMMON CHALLENGE, Graz, Austria