
**BIOINTERFACE RESEARCH
IN
APPLIED CHEMISTRY**

ISSN 2069-5837

Volume 3, Issue 6

15.12.2013



Editor in Chief

Alexandru Mihai Grumezescu

Associate Editors

Carmen Chifiriuc, University of Bucharest, Faculty of Biology, Microbiology Immunology Department, Romania
Dan Mihaiescu, Politehnica University of Bucharest, Faculty of Applied Chemistry and Material Science, Romania

Assistant Editor

Valentina Grumezescu, National Institute for Lasers, Plasma & Radiation Physics, Lasers Department, P.O. Box MG-36, Bucharest-Magurele, Romania

Editorial Board

- | | |
|---|---|
| (1) Anton Fici , Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, Politehnica University of Bucharest, Romania | (8) Jose Luis Balcazar , Catalan Institute for Water Research, Girona, Spain |
| (2) Carmen Limban , University of Medicine and Pharmacy Carol Davila, Faculty of Pharmacy, Romania | (9) Keng-Shiang Huang , The School of Chinese Medicine for Post-Baccalaureate, I-Shou University, Ta-Hsu Hsiang, Taiwan |
| (3) Christian Hellmich , Institute for Mechanics of Materials and Structures, Faculty of Civil Engineering, Vienna University of Technology, Austria | (10) Keng-Liang Ou , College of Oral Medicine, Taipei Medical University, Taiwan |
| (4) Evghenia Bezirtzoglou , Democritus University of Thrace Faculty of Agricultural Development, Department of Food Science and Technology, Greece | (11) M.V. Reddy , Departments of Physics & Chemistry Graphene Center, Advanced Batteries Lab, National University of Singapore, Singapore |
| (5) Frank Trixler , Center for NanoScience & Department for Earth and Environmental Sciences, Ludwig-Maximilians Universität München, Germany; Open Research Laboratory, School of Education, Technische Universität München, Germany. | (12) Mariana Chirea , University of Porto, Faculty of Science, Portugal |
| (6) Fu-Zhai Cui , Laboratory of Advanced Materials, Department of Material Science and Engineering, Tsinghua University, Beijing, P.R. China. | (13) Mihaela Badea , University of Bucharest, Faculty of Chemistry, Romania |
| (7) George Dan Mogosanu , University of Medicine and Pharmacy, Craiova, Romania | (14) Nazmiye Altıntas , Faculty of Medicine, Parasitology Department, Izmir, Turkey |
| | (15) Rodica Cristescu , National Institute for Lasers, Plasma and Radiation Physics, Laser Department, Laser – Plasma – Surface Interactions Laboratory, Magurele, Romania |
| | (16) Veronica Lazăr , University of Bucharest, Faculty of Biology, Microbiology Immunology Department, Romania |

Topic

- Probiotics, prebiotics, simbiotics
- Development of proteomic technologies
- Signal transduction in eukaryotes
- Synthesis, characterization and manipulation of biomaterials
- Hybrid nanosized structures and nanocomposites
- Application of nanomaterials science research in the biomedical field for the development of new therapeutic and diagnosis tools
- Drug delivery and Drugs from natural sources
- New synthetic compounds with bioactive properties
- Nanomaterials based-strategies for fighting antibiotic resistance and biofilms' development in medicine and ecology

TABLE OF CONTENTS

662	Marian Ghervan Irina Teodorescu Tatiana Roșca Valentina Uscățescu	Investigation of potential correlations between the antiphospholipid syndrome and some parasitary and bacterial infections in Romanian patients
670	Anca Diana Cristea Luminita Marutescu Mariana Carmen Chifiriuc Veronica Lazar Ioana Suci Andrei Iliescu	Antimicrobial susceptibility profiles of bacterial strains isolated from chronic apical periodontitis
