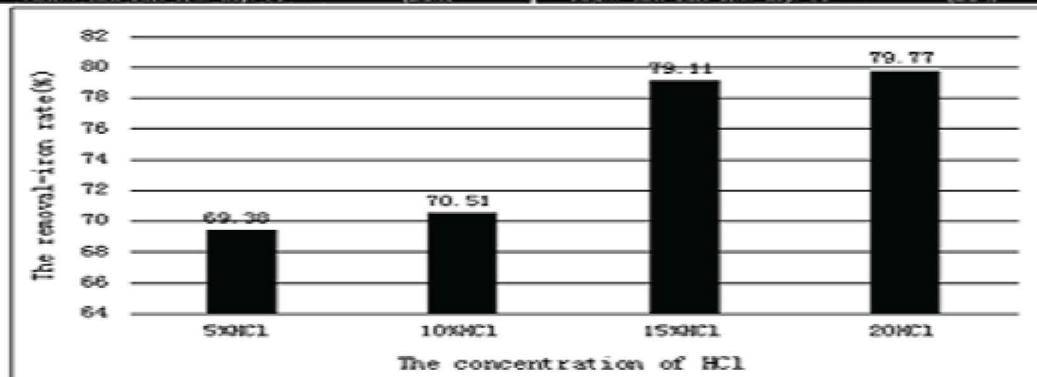
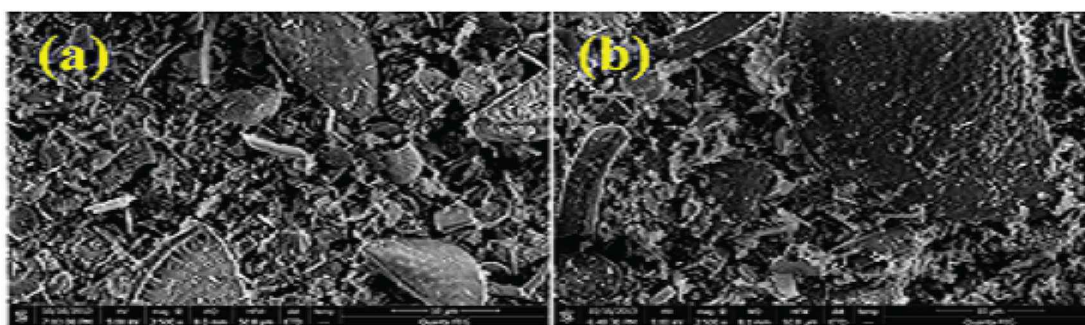


Ionescu et al., Staphylococcus aureus virulence phenotypes among Romanian population



Guan et al., Refine and characterization of diatomite for the excipients of food and medicine

Editor in Chief

Alexandru Mihai Grumezescu

Associate Editors

Michael R Hamblin, Harvard-MIT Division of Health Sciences and Technology, Cambridge, **United States**

Badal Kumar Mandal, Environmental and Analytical Chemistry Division, School of Advanced Sciences, VIT University, **India**

Carmen Chifiriuc, University of Bucharest, Faculty of Biology, Microbiology Immunology Department, **Romania**

Assistant Editor

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

Florin Iordache, Flow Cytometry and Cell Therapy Laboratory, Institute of Cellular Biology and Pathology "Nicolae Simionescu" (ICBP), Bucharest, Romania

Alexandra Elena Oprea, Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, Romania

Editorial Board

(1) **Howard I. Maibach**, Department of Dermatology, 90 Medical Center Way, Surge Building Room 110, University of California, San Francisco, CA 94143-0989, USA

(2) **Anton Ficai**, Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, Politehnica University of Bucharest, Romania

(3) **Carmen Limban**, University of Medicine and Pharmacy Carol Davila, Faculty of Pharmacy, Romania

(4) **Christian Hellmich**, Institute for Mechanics of Materials and Structures, Faculty of Civil Engineering, Vienna University of Technology, Austria

(5) **Evghenia Bezirtzoglou**, Democritus University of Thrace Faculty of Agricultural Development, Department of Food Science and Technology, Greece

(6) **Frank Trixler**, Center for NanoScienc & Department for Earth and Environmental Sciences, Ludwig-Maximilians Universität München, Germany; Open Research Laboratory, School of Education, Technische Universität München, Germany.

(7) **Fu-Zhai Cui**, Laboratory of Advanced Materials, Department of Material Science and Engineering, Tsinghua University, Beijing, P.R. China.

(8) **George Dan Mogosanu**, University of Medicine and Pharmacy, Craiova, Romania

(9) **Jose Luis Balcazar**, Catalan Institute for Water Research, Girona, Spain

(10) **Keng-Shiang Huang**, The School of Chinese Medicine for Post-Baccalaureate, I-Shou University, Ta-Hsu Hsiang, Taiwan

(11) **Keng-Liang Ou**, College of Oral Medicine, Taipei Medical University, Taiwan

(12) **M.V. Reddy**, Departments of Physics & Chemistry Graphene Center, Advanced Batteries Lab, National University of Singapore, Singapore

(13) **Mariana Chirea**, University of Porto, Faculty of Science, Portugal

(14) **Mihaela Badea**, University of Bucharest, Faculty of Chemistry, Romania

(15) **Nazmiye Altintas**, Faculty of Medicine, Parasitology Department, Izmir, Turkey

(16) **Rodica Cristescu**, National Institute for Lasers, Plasma and Radiation Physics, Laser Department, Laser – Plasma – Surface Interactions Laboratory, Magurele, Romania

(17) **Veronica Lazăr**, University of Bucharest, Faculty of Biology, Microbiology Immunology Department, Romania

(18) **Mazeyar Parvinzadeh Gashti**, Département de Chimie, Université Laval, 1045 Avenue de la Médecine, Québec, QC G1V 0A6, Canada

(19) **Mohammad Mehdi Rashidi**, Department of Mechanical Engineering, Bu-Ali Sina University, Hamedan, Iran

(20) **Mu. Naushad**, Department of Chemistry, College of Science, King Saud University, Riyadh, Saudi Arabia

(21) **Piotr Lulinski**, Department of Organic Chemistry, Faculty of Pharmacy, Medical University of Warsaw, Poland

(22) **Zhi Ping (Gordon) Xu**, Australian Institute for Bioengineering and Nanotechnology, The University of Queensland, Brisbane, QLD 4072, Australia

(23) **Fang Xie**, Department of Materials, Imperial College, London, SW7 2AZ, United Kingdom

(24) **Kateryna Kon**, Department of Microbiology, Virology, and Immunology of Kharkiv National Medical University, Ukraine

(25) **Mahendra Kumar Rai**, Department of Biotechnology, SGB Amravati University, Amravati, Maharashtra, India

(26) **Victoria Samanidou**, Department of Chemistry, School of Sciences, Aristotle University of Thessaloniki, Greece

(27) **Yu Cao**, Key Laboratory of Pesticide and Chemical Biology (Ministry of Education), College of Chemistry, Central China Normal University, Wuhan P. R. China

(28) **Shinihci Arakawa**, Graduate School, Department of Lifetime Oral Health Care Science, Tokyo Medical and Dental University (TMDU), Yushima, Bunkyo-ku, Tokyo, Japan

(29) **Santiago Daniel Palma**, Instituto de Investigaciones para la Industria Química (INIQUI, Universidad Nacional de Salta – CONICET). Av. Bolivia 5150, 4400, Salta, Argentina

(30) **Dan Mihaiescu**, Politehnica University of Bucharest, Faculty of Applied Chemistry and Material Science, Romania

(31) **Zivile Luksiene**, Vilnius University, Inst. Applied Research, Sauletekio10, 10223, Vilnius, Lithuania

(32) **Vladimir K. Ivanov**, Kurnakov Institute of General and Inorganic Chemistry of the Russian Academy of Sciences, Moscow, Russia

(33) **Jhoan Toro Mendoza**, Centro de Estudios Interdisciplinarios de la Física, Instituto Venezolano de Investigaciones Científicas, Caracas, 1020 A, Venezuela

TABLE OF CONTENTS

945	Bogdan Ionescu Diana Ionescu Irina Gheorghe Grigore Mihaescu Coralia Bleotu Monica Sakizlian Otilia Banu	<i>Staphylococcus aureus</i> virulence phenotypes among Romanian population
949	Xiaomeng Guan Shaojun Lei Jean Felix Mukerabigwi Yingjie Zhang Yu Cao Shufang Wang	Refine and characterization of diatomite for the excipients of food and medicine
954	Florian - Constantin Dogioiu Rodica Luca Dragoş Epistatu	Computerized tomographic pre-implant evaluation of bone density
