

CONTENTS

<i>O. Stoilova</i> , National Research Programme “Innovative Low-Toxic Bioactive Systems for Precision Medicine (BioActiveMed)”	5
<i>Y. Topalova</i> , Innovative and Applied Potential of Center of Competence ”Clean technologies for Sustainable Environment – Water, Waste, Energy for Circle Economy”	8
<i>I. Yankova, E. Ivanova, K. Todorova, A. Georgieva, V. Dilcheva, I. Vladov, S. Petkova, R. Toshkova, L. Velkova, P. Dolashka, I. Iliev</i> , Assessment of the toxicity and antiproliferative activity of hemocyanins from <i>Helix lucorum</i> , <i>Helix aspersa</i> and <i>Rapana venosa</i>	15
<i>M. R. Aleksova, L. G. Velkova, P. A. Dolashka, G. S. Radeva</i> , Antibacterial activity of bioactive compounds isolated from crab and snail species	22
<i>M. V. Belouhova, N. K. Dinova, I. D. Yotinov, S. K. Lincheva, I. D. Schneider, Y. I. Topalova</i> , FISH analysis of ANAMMOX and <i>Azoarcus-Thauera</i> cluster – innovative indicative approach for management of the landfill leachate treatment	27
<i>A. Dushkov, M. Petrova, J. Todorova, A. Gospodinov, I. Ugrinova</i> , Natural medicine: an evaluation of the <i>in vitro</i> cytotoxic effect of several Bulgarian fungal species on two panels of cancer cell lines	35
<i>E. Krumova, P. Dolashka, R. Abrashev, L. Velkova, A. Dolashki, A. Daskalova, V. Dishliyska, V. Atanasov, D. Kaynarov, M. Angelova</i> , Antifungal activity of separated fractions from the hemolymph of marine snail <i>Rapana venosa</i>	42
<i>M. N. Vassilev, S. Simova, M. Dangalov, L. Velkova, V. Atanassov, A. Dolashki, P. Dolashka</i> , A ¹ H NMR based study of metabolites profiling of garden snail <i>Helix lucorum</i> hemolymph	49
<i>T. A. Chobanova, M. Belouhova, I. Yotinov, N. Dinova, E. Daskalova, Y. Todorova, S. Lincheva, I. Schneider, Y. Topalova</i> , Adaptation of activated sludge to treatment of landfill leachate during model process	57
<i>V. Tsvetkov, D. Todorov, A. Hinkov, K. Shishkova, L. Velkova, A. Dolashki, P. Dolashka, S. Shishkov</i> , Effect of extracts of some species from Phylum Mollusca against the replication of Human Alphaherpesviruses types	66
<i>M. Lazarova, M. Kermedchiev, L. Tancheva, D. Uzunova, K. Tasheva, L. Velkova, A. Dolashki, A. Daskalova, V. Atanasov, D. Kaynarov, P. Dolashka</i> , Natural substances with therapeutic potential in wound healing	73
<i>G. Issa, N. Velinov, D. Kovacheva, T. Tsoncheva</i> , Silica supported iron and chromium oxide catalysts for methanol decomposition	80
<i>A. Kosateva, I. Stoycheva, B. Petrova, B. Tsyntsarski</i> , Characterization of some carbon materials by Raman spectroscopy	85
<i>G. Georgiev, B. Tsyntsarski, I. Stoycheva, A. Kosateva, B. Petrova, K. Miteva, T. Budinova, N. Petrov, A. Sarbu, M. Dumitru, A. Ciurluca, A. Miron</i> , Refuse-derived fuel waste conversion to carbon adsorbent	89
<i>R. Ivanova, B. Tsyntsarski, G. Issa, I. Spassova, D. Kovacheva, N. Velinov, T. Tsoncheva</i> , $M_{0.5}Zn_{0.5}Fe_2O_4$ ($M = Cu, Co, Mn, Ni$) ferrites supported on activated carbon as catalysts for methanol decomposition	93
<i>M. Nikolova, S. Konstantinov, P. Dolashka</i> , Antineoplastic immuno-modulating properties of hemocyanins	101
<i>P. Dolashka, M. Angelova, A. Dolashki</i> , In memoriam of our teacher Prof. Dr. Dr. h. c. Wolfgang Voelter	107
<i>Instructions to authors</i>	110