

University “St. Kliment Ohridski” - Bitola

HORIZONS

INTERNATIONAL SCIENTIFIC JOURNAL

Series B

**Natural Sciences and Mathematics, Engineering and
Technology, Biotechnology, Medicine and Health Sciences**

Year XIII

Volume 6

March 2020

Bitola

Publisher: “St. Kliment Ohridski” University – Bitola
For the publisher: Prof. dr. Sasho Korunovski, Rector

International Editorial Board

Prof. dr. Violeta Manevska, Natural sciences and Mathematics
University “St. Kliment Ohridski” – Bitola, Republic of Macedonia
Donco Dimovski, Academician, Natural sciences and Mathematics,
Macedonian Academy of Arts and Sciences, Republic of Macedonia
Prof. dr. Alexander Sladkowski, Engineering and Technology,
Silesian University of Technology, Gliwice, Poland
Prof. dr. Irena Colic-Baric, Biotechnology, University of Zagreb,
Croatia Prof. dr. Mihni Ljuckanov, Biotechnology, University of Stara
Zagora, Bulgaria
Prof. dr. Dimitar Dimanov Dimitrov, Biotechnology, Agrarian
University, Plovdiv, Bulgaria
Prof. dr. Dragan Temeljkovski, Engineering and Technology,
University of Nish, Serbia

Editorial Committee

Prof. dr. Gordana Trajkoska, vice-rector
Prof. dr. Ljupche Kochoski, vice-rector
Prof. dr. Igor Nedelkovski, vice-rector
Prof. dr. Marjan Gjurovski, vice-rector
Ofelija Hristovska, MA

Editor: Elena Kitanovska-Ristoska, PhD

ISSN 1857-9892

DOI 10.20544/HORIZONS.B.06.1.20

With every new edition of the Horizons scientific journal the academic public has become used to the expectation that it traces new pathways towards its further establishment in the international educational and scientific-research areas.

For the coming period, just as it did previously, Horizons will continue to respect the principles of scientific impartiality and editorial justness, and will be committed to stimulating the young researchers in particular, to select Horizons as a place to publish the results of their contemporary scientific and research work. This is also an opportunity for those who through publishing their papers in international scientific journals such as Horizons view their future carrier development in the realm of professorship and scientific-research profession.

The internationalization of our Horizons journal is not to be taken as the furthest accomplishment of our University publishing activity. Just as the scientific thought does not approve of limitations of exhaustive achievements, so is every newly registered success of the Horizons editions going to give rise to new “appetites” for further objectives to reach.

Last but not the least. we would like to express our sincere appreciation for the active part you all took in the process of designing, creating, final shaping and publishing the scientific journal.

Finally, it is with your support that Horizons is on its way to attain its deserved, recognizable place where creative, innovative and intellectually autonomous scientific reflections and potentials will be granted affirmation, as well as an opportunity for a successful establishment in the global area of knowledge and science.

Sincerely,

Editorial Board

CONTENTS

The effect of quercetin on diabetes complications, <i>Zora Uzunoska, Marija Menkinoska, Natalija Trajcheska, Tanja Blazeska, Tatjana Kalevska</i>	7
Expression of e-cadherine in canine mammary tumors, <i>Nikola Karabolovski, Natasa Pejcinovska, Pance Dameski, Petar Dodovski, Talija Hristovska, Mimi Ristevski, Igor Zdraveski, Aleksandar Avramov, Ivana Crnec</i>	17
Managing intraoperative floppy iris syndrome with I-ring pupil dilator, <i>Naum Trpenoski</i>	27