

EDITORIAL



Smart Bio 2019

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On May 2-4, 2019, the 3rd International Scientific Conference on Life and Environmental Sciences "Smart Bio" was held in Vytautas Magnus University (Kaunas, Lithuania). The conference was organized by Vytautas Magnus University in the partnership with North Kazakhstan State University, Republic of Kazakhstan, Donetsk Vasyl Stus National University, Republic of Ukraine, Institute of Microbiology and Virology of National Academy of Sciences, Republic of Ukraine, Institute of Cell Biology and Gene Engineering of National Academy of Sciences, Republic of Ukraine, Institute of Parasitology, Slovak Academy of Sciences, Institute of Biology of University of Latvia, Daugavpils University, Republic of Latvia, Rosef Field Research Station, Norway, Aksaray University, Republic of Turkey, Belarusian State Pedagogical University. The conference highlighted the following scientific topics: genetics, vector-borne diseases, biotechnology, biophysics, biochemistry, botany, general, molecular and cell biology, biodiversity, immunology, microbiology, ecology, zoology, environmental science and engineering, renewable energy, hydrology.

A welcome speeches in this conference were delivered by the Rector of Vytautas Magnus University Prof. Habil. Dr. Juozas Augutis and the Dean of the Faculty of Natural Sciences, Vytautas Magnus University Prof. Dr. Saulius Mickevičius. The conference invited

acknowledged foreign scientists who gave plenary and key-note lectures and actively participated in discussions. 305 participants, including more than 100 participants from Poland, Jordan, Brazil, People's Republic of China, Montenegro, Slovak Republic, Turkey, Norway, Latvia, Belarus, Ukraine, Armenia, Georgia, Russian Federation, Kazakhstan, Kyrgyzstan, participated in the conference. The invited speakers were encouraged to review in their presentations the most up-to-date achievements concerning their particular research fields. The session speakers included Prof. Habil. Dr. Algimantas Paulauskas, Prof. Habil. Dr. Darius Danusevičius, Prof. Habil. Dr. Audrius Sigitas Maruška (all Vytautas Magnus University), Prof. Dr. Murat Kaya (Aksaray University, Turkey), Prof. Dr. Dmitri Spivak (N.P.Bekhtereva Human Brain Institute, Russian Academy of Sciences), Ruslan Mariychuk (University of Presov, Slovak Republic), Prof. Dr. Nadiia Matvieieva (Institute of Cell Biology and Gene Engineering of National Academy of Sciences, Republic of Ukraine), Prof. Dr. Oleksandr Tashyrev (Institute of Microbiology and Virology of National Academy of Sciences, Republic of Ukraine), Dr. Zhouting Rong (Zhejiang Wanli University, People's Republic of China), Prof. Dr. Awni Al-Otoom (Jordan University of Science and Technology, Jordan) and others. One of the sessions of the conference took part in the Botanical

Garden of Vytautas Magnus University and was dedicated to modern problems related on herbal plants, ecology, biodiversity and botany. This conference also offered a session for young researches where PhD students had an opportunity to present their research. The conference "Smart Bio" is not limited to one scientific area and demonstrates importance of interdisciplinary and multidisciplinary for modern research.

Conference proceedings and abstracts are published in English. In 2017 the conference proceedings obtained an ISBN. Since 2019 conference "Smart Bio" abstract book became a periodic and was issued an ISSN. Information about the conference has been placed in a separate "Smart Bio" web page on the internet address <http://icsb.vdu.lt/>. Participants are offered to publish their presentations in different scientific journals namely "Biologija", "Environmental Research, Engineering and Management", and "Energetika". From the

previous two conferences 28 articles were published in journal "Biologija" and 12 articles were published in journal "Environmental Research, Engineering and Management" (the journal accepts articles starting from the second conference "Smart Bio"), some more articles are on the way of the publishing. Since 2019 we included journal "Energetika" as one more possibility for publishing conference materials. The articles deal with environmental biotechnology, ecologically significant diseases, impact of landfill gas emission, genetics, biophysics and others.

The increasing number of participating Lithuanian and foreign researches show that this conference is necessary and unique. Currently it covers life, environmental, and technological sciences, biotechnology, biochemistry, and biophysics. Invited and young researchers presented their reports as oral and poster presentations in different sections of the conference.