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Preface

The third international conference on bio-antioxidants was held in Nessebar, Bulgaria from 17 to 21 September, 2019 and chaired by Prof. Dr. Vessela D. Kancheva from the Institute of Organic Chemistry with Centre of Phytochemistry, Bulgarian Academy of Sciences. The total number of participants was 112, including 42 young scientists. The conference, once again gave the participants the opportunity to meet leading scientists from different countries, to discuss the latest trends in the development of new effective bio-antioxidants and their practical application. The strategic topics of BIO-ANTIOXIDANTS 2019 were:

- A. Oxidative Stress and Human Health
- B. Natural Bio-antioxidants
- C. Synthetic Analogues of Natural Bio-antioxidants
- D. Homogeneous and Heterogeneous Lipid Oxidation
- E. Food Analysis, Food Additives and Food Supplements
- F. Advanced Methods for Analysis of Bio-antioxidants

Within the frames of the conference, the 3rd Young Scientists School on Bio-antioxidants (YSSBA) was held. YSSBA gave the opportunity to young scientists (students, doctoral students, post-doctoral and students) to present their own results to the international audience, to gain new knowledge and exchange experience, ideas and contacts.

After a peer review process, 41 reports from the conference were chosen to be published in *Bulgarian Chemical Communications*, Special Issue D, vol. 52, 2020, guest edited by prof. Petko Denev from Bulgarian Academy of Sciences and prof. Ryzsard Amarowicz from the Polish Academy of Sciences.

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