

6th Croatian Congress on Pharmacy with International Participation, Dubrovnik (April 3rd to 7th, 2019)

6th Croatian Congress on Pharmacy with International Participation has been held in Dubrovnik, from April 3rd to 7th, 2019. The conference was organized by Croatian Pharmaceutical Society in cooperation with University of Zagreb Faculty of Pharmacy and Biochemistry.

The conference under moto “New era of pharmacy – ready for challenges”, gathered more than 900 participants – pharmacists and adjunct biomedicine professions, from 19 countries: Croatia, Austria, Belgium, Bosnia and Herzegovina, Czech Republic, Denmark, France, Italy, Montenegro, the Netherlands, North Macedonia, Poland, Portugal, Slovenia, Serbia, Sweden, Switzerland, Turkey, and the USA, while presented posters and oral presentations were also authored by collaborators from Bulgaria, Brazil, Finland, Germany, Greece, Canada, Malta, Norway, and Slovakia. This was the sixth conference of this series organized; first was held in Zagreb (1996), second and third in Cavtat (2001, 2005), fourth in Opatija (2010), fifth in Rovinj (2015).

This is the biggest pharmacy conference in Croatia when number of participants and international character of conference are taken into account, and well established history is unquestionable. However, this is the first time that a whole issue of the journal *Acta Pharmaceutica* is exclusively devoted to publishing original research papers, review-articles and short communications presented during the conference.

Two review papers are included in this issue, alongside with four mini-reviews. These mainly deal with natural compounds and their biological activity (antithrombotic and anticancer), and application of medicinal plants in dermatology. One mini-review is devoted to a natural class of compounds, terpenoids. The last mini-review will probably catch attention of wider audience as it described nutritional facts and myths in scientific yet very popular way.

This issue includes ten original research papers. Two of the papers deal with lipophilicity, one with the importance of lipophilicity for the antiplatelet activity of flavonoids, the other with the development of an HPLC method for determination of lipophilicity. Two papers are in the area of pharmaceutical technology, assessing the biological potential of melatonin loaded, chitosan based microspheres, and stearylamine cationic nanoemulsions. One of the papers deals with metabolism of xenobiotics mediated by cytochromes P450, and one falls into area of clinical pharmacy. All of the aforementioned studies have been first authored by doctoral students of PhD program Pharmaceutical-biochemical sciences, University of Zagreb Faculty of Pharmacy and Biochemistry. The last four original research papers deal with biological activity, one of natural compounds (flavonoids and xanthenes) from the plant species *Iris adriatica*, two of synthesized aminoquinoline and

xanthen-3-one derivatives; fourth paper deals with ecotoxicity of a class of psychoactive drugs.

One paper reports the results of a limited scope, and has been published in this issue as short communication. It deals with biological activity, efficacy and safety profile of local lyzosome in oral mucositis.

This challenging task of completing the special issue could not be completed in timely manner without the reviewers to whom we express our gratitude. We are also very grateful to the Editor-in-Chief for the opportunity to serve as guest editors and the helpful guidance in the peer-review process, and the technical editor for the extra efforts.

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