Dear Professor Nikolić,

We are forwarding to you a manuscript entitled “Synthesis of Two Novel C-19 Analogues of (±)-Alstoscholarisine A”, in hope that it fulfills all the requirements for publishing in Journal of the Serbian Chemical Society, as a short communication.

Alzheimer’s, Parkinson’s and Huntington’s disorder are the most common examples of currently incurable neurodegenerative diseases, characterized by a progressive loss of neuronal function. In recent years, it has been realized that small molecules could promote neuronal stem cells (NSC) proliferation and differentiation, which could potentially have important therapeutic application. In 2014, indole alkaloid alstoscholarisine A was isolated from *Alstonia scholaris,* which significantly promotes adult NSC proliferation and differentiation. In our communication, we described the first racemic synthesis of two novel C-19 alstoscholarisine A analogues. These derivatives are expected to have significantly changed biological activity, compared to alstoscholarisine A: the C-19 methyl substituent was replaced with an aromatic group (phenyl) or with a longer aliphatic group (butyl). The article should be of interest to the specialists in the field of organic synthesis, as well as to a broad community of organic chemists which, in the authors’ opinion, should justify its publishing in Journal of the Serbian Chemical Society.

We confirm that this manuscript has not been published elsewhere and is not under consideration by another journal. All authors have approved the manuscript and agree with its submission to Journal of the Serbian Chemical Society.

Please find the list of suggested reviewers:

1. Prof. dr. Xuebin Liao

School of Pharmaceutical Sciences, Collaborative Innovation Center for Diagnosis and Treatment of Infectious Diseases, Key Laboratory of Bioorganic Phosphorus Chemistry & Chemical, Tsinghua University, Beijing100084, China

e-mail: [liaoxuebin@mail.tsinghua.edu.cn](mailto:liaoxuebin@mail.tsinghua.edu.cn)

1. Prof. dr. Xiao-Dong Luo

State Key Laboratory of Phytochemistry and Plant Resources in West China, Kunming Institute of Botany, Chinese Academy of Sciences, Kunming 650201, People’s Republic of China

e-mail: [xdluo@mail.kib.ac.cn](mailto:xdluo@mail.kib.ac.cn)

1. Prof. dr. Yong-Bin Chen

Key Laboratory of Animal Models and Human Disease Mechanisms, Kunming Institute of Zoology, Chinese Academy of Sciences, Kunming 650223, People’s Republic of China

e-mail: ybchen@mail.kiz.ac.cn

I thank you in advance for your time and attention.

Yours sincerely,

Zorana Ferjancic