Editorial
Volume 11:10, 2021

Medicinal Chemistry

ISSN: 2161-0444 **Open Access**

Reorganizations in the Field of Medicinal Chemistry

Norman Doorenbos*

Department of Pharmaceutical Chemistry, School of Pharmacy, University of Maryland, Baltimore, Maryland

Medicinal Chemistry is an educational magazine offers with the aspects of Chemistry, Pharmacoanalysis and the chemical evaluation of compounds withinside the shape of like small natural molecules which includes insulin glargine, erythropoietin, and others. It additionally allows in growing new chemical entities from current compounds which can be of medicinal and healing impact. The procedure entails seclusion and identity of the entities and their possibly impact at the precise goal and may consist of a computational or artificial statement of the underlying agents.

Medicinal chemistry is an area that includes the design, improvement and synthesis of tablets. This area combines chemical expertise, mainly artificial natural chemistry, pharmacology, and different organic sciences. The assessment of the houses of current tablets is likewise a part of clinical chemistry.

The previous volume 9, issue 4 various aspects were discussed by the authors from different parts of the world. In the Research article entitled "*In Vivo* and *In Vitro* Anti-trypansomal Evaluation of Crude Methanolic Extracts of *Crotalaria albicaulis* and *Cistanche phelypaea* against *Trypanosoma evansi*" Dr. Yitagesu Tewabe explained regarding the Camel trypanosomiasis is a major disease of economic importance in Ethiopian Somali Regional State, Ethiopia [1]. T. evansi is a species belonging to the subgenus Trypanozoon and is the causative agent of Camel trypanosomosis (surra). This disease is the most important cause of economic losses in Camel rearing areas, causing significant morbidity of up to 30% and mortality of around 3%.

In another Research article entitled "Comparison of Acid-base Status and Hemodynamic Stability during Propofol and Sevoflurane-based Anesthesia in Patients Undergoing One Lung Ventilation" Dr. Guang-Hong Xu briefly explained about the duration of one lung ventilation, anesthesia and operation, rather than the anaesthetic used, are key factors in maintaining acid-base balance during OLV. Sevoflurane anesthesia is superior to Propofol anesthesia in avoiding the fluctuation of hemodynamic parameters [2].

In another previous volume 9, issue 5 Dr. Hassan Behnejad described about the Molecular Modeling Study of the Penetration Kinetic in Research article entitled "Molecular Modeling Study of the Penetration Kinetic of Diverse Compounds through the Human Skin by Three-Dimensional Quantitative Structure Activity Relationship." The control of permeation is essential for the topical application of lotions, creams, and ointments, and the toxicological and risk assessment of materials from environmental and occupational hazards. This study developed a three-dimensional quantitative structure-activity relationship (3DQSAR) model to predict permeation of a variety of 210 compounds through human skin. Molecular descriptors were computed using a GRid Independent Descriptors (GRIND) approach. After variable selection via the genetic algorithm method, the 118 selected descriptors were correlated with skin permeability constants by PLS regression and support vector machine (SVM). [3].

I take this opportunity to acknowledge the contribution of Editor-in-chief and Associate Editor during the final editing of articles published and bringing out issues of International Journal of Medicinal Chemistry (MCCR) in time. I would also like to express my gratitude to all the authors, reviewers, the publisher, language editor, honorary editors, the scientific advisory and the editorial board of MCCR, the office bearers for their support in bringing out the new volume (Volume 11) of MCCR for the calendar year 2021 and look forward to their unrelenting support further to release more issues for International Journal of Medicinal Chemistry (MCCR) in scheduled time.

References

1. Markos, Tadele, Getachew Alebie and Yitagesu Tewabe. "*In Vivo* and *In Vitro* Anti-Trypansomal Evaluation of Crude Methanolic Extracts of *Crotalaria albicaulis* and *Cistanche phelypaea* against *Trypanosoma evansi*" *Med Chem* 9(2019): 1-7
2. Rui, Yang, Zhi-Xin Gao, Dan Zhao and Guang-Hong Xu. "Comparison of Acid-base Status and Hemodynamic Stability during Propofol and Sevoflurane-Based Anesthesia in Patients Undergoing One Lung Ventilation." *Med Chem* 9(2019): 1-5
3. Soheila, Rezaei, Hassan Behnejad and Jahan B Ghasemi. "Molecular Modeling Study of the Penetration Kinetic of Diverse Compounds through the Human Skin by Three-Dimensional Quantitative Structure Activity Relationship." *Med Chem* 9(2019): 1-9

How to cite this article: Doorenbos, Norman. "Reorganizations in the Field of Medicinal Chemistry" *Med Chem* 11 (2021): e594.

***Address for Correspondence:** Norman D, Department of Pharmaceutical Chemistry, School of Pharmacy, University of Maryland, Baltimore, Maryland; E-mail: ndoorenbos28@gmail.com*

Received date: 03 September, 2021; **Accepted date:** 17 September, 2021; **Published date:** 24 September, 2021