Editorial

iMedPub Journals
http://www.imedpub.com

Journal of Chemical Biology & Pharmaceutical Chemistry

2021
Vol 5. No. S1

Announcement of International Conference on Clinical Research

Yoshiaki Omura

New York Medical College, USA

yoshiaki-omura@yahoo.com

Editorial

Meetings International presents International Conference on Clinical Research, scheduled on October 12-13, 2022 in Osaka, Japan which will allow the professional to characteristic their exploration of work through introductions and have a probability to select up mastering about the present condition of clinical research. Clinical Research conference seems to be the constantly trending subject matter with modern day research technologies. Everyone who explores to strengthen their knowledge and gain extended about advanced research is welcome to present/acquire new ideas. This topic area receives submissions that demonstrate the diversity of a current trending research in pharmacology; focus on a central problem in most data-driven personalized medicine scenarios is the estimation of heterogeneous treatment effects to stratify individuals into subpopulations that differ in their susceptibility to a particular disease or response to a specific treatment. In this work, with an illustrative example on type 2 diabetes we showed how the increasing ability to access and analyzed open data from randomized clinical trials (RCTs) allows building Machine Learning applications in a framework of personalized medicine. An ensemble machine learning predictive model is first developed and then applied to estimate the expected treatment response according to the medication that would be prescribed. Machine learning is quickly becoming indispensable to bridge science and clinical practice, but it is not sufficient on its own. A collaborative effort is requested to clinicians, statisticians, and computer scientists to strengthen tools built on machine learning to take advantage of this evidence flow.

Clinical researches are experiments or observations done in clinical research. Such prospective biomedical or behavioral research studies on human participants are designed to answer specific questions about biomedical or behavioral interventions, including new treatments and known interventions that warrant further study and comparison. Clinical research generates data on dosage, safety and efficacy. They are conducted only after they have received health authority/ethics committee approval in the country where approval of the therapy is sought. These authorities are responsible for vetting the risk/benefit ratio of the trial their approval does not mean the therapy is safe or effective, only that the trial may be conducted.

Intended authors are encouraged and help to shape the conference through submissions of their research abstracts, papers, and e-posters. Also, high-quality research present report original and unpublished results of conceptual, experimental, or thesis work in all areas of Clinical Research and Clinical Trials are cordially invited for presentation at the conference. The conference solicitation for contributions of abstracts, papers, and e-posters that address themes and topics of the conference, including figures, and references research materials.

Received: March 14, 2022; **Accepted:** March 16, 2022; **Published:** March 18, 2022