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Significant Contribution to Covid-19 Scientific Community and Nanomaterials Researchers

Databases are the research brains that are essential in all fields of research. Nowadays, each study topic has its own database, which plays an important role in every level of the research. Several database systems have been established to give helpful knowledge in a consistent manner to everyone from a bank chemist to a biologist, a medical practitioner to a pharmaceutical scientist. The development of computer technology and computational power has improved the ability to access large amounts of data in the form of a database, from which knowledge may be collected, searched, indexed, evaluated, and finally extracted. In the shape of HABDSK, we have created a fantastic platform for the scientific community as well as local researchers, which has all updated biological datasets of all research areas that were not before supplied on such a favorable discovering forum. In this work we have collecated all nanomateril databases and resoreses to one plateform named NMDB to nanomaterials resarchers. The goal of this database is to store, organize, and disseminate data in a standardized and searchable format to aid in data processing and visualization. We have gathered all nanomaterial datasets into one simple and user-friendly search engine, Mainly, we have contributed two databases on Covide-19 and twelve additional databases on other research areas that are highly useful to the scientific community and can be accessed at www.habdsk.org. with timely updats. It was determined that the most power could be achieved by combining such databases with an accessible connection to a single portal and removing or fixing all damaged links.

Biography

Dr. Shahid Ullah received his Ph.D. in Biochemistry and Molecular Biology from Huazhong University of Science and Technology (HUST), Wuhan China in July 2016. He has three years' experience as a postdoctoral in the Institute of Low-dimensional Materials Genome Initiative, College of Chemistry and Environmental Engineering, Shenzhen University, Shenzhen, Guangdong, 518060, P. R. China, and Chinese Academy of Science. He also serves on the editorial boards of numerous international journals. Since 2018, he has been a member of the American Society of Biochemistry and Molecular Biology(ASBMB). Currently, he operates his own lab (http://www.habdsk.org/index.php) and works on a broad range of research projects in collaboration with many Euripe, UAE and Chinese Universities.

Dr. Shahid has made significant contributions to the scientific community in Covid pandamic in the form of scientific research. He has contributed two databases on Covide-19 and twelve additional databases on other research areas that are highly useful to the scientific community and can be accessed at www.habdsk.org.

His research is focused on the computational study of phosphorylation, drug discovery and development, Rational drug designing (Computer-aided drug design, structure-based drug design), and "Development of functional nanomaterials including carbon nanomaterials, up conversion nanoparticles, organic nanomaterials, protein-based carriers, and other multifunctional composite nanostructures, for the exploration of novel disease diagnostic and cancer therapeutic approaches" for more information or any query kindly visit his lab site http://www.habdsk.org/contact.php

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