



## An Introduction to Lab-in-Silico

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The idea of Lab-in-Silico journal publishing has been arisen from 2020 in the time of COVID-19 pandemic.<sup>1</sup> The idea has been initiated regarding the limitations of doing experimental research in such stressful time to focus on performing computer-based works instead. Lab-in-Silico; as an international research journal, has been announced to researchers to publish their achievements of all fields of computational research methodologies including computational chemistry, computational physics, computational biology, computational mathematics, computational material science, computational drug design, and all other fields of theory and computations. Indeed, the expression “Lab-in-Silico” implies for using silicon processors of computers as laboratories for doing research activities.<sup>2,3</sup> In order to qualify this mission, two issues were published as volume one of Lab-in-Silico in 2020 by the helps of authors, reviewers and editorial members; thanks to all. The first issue was published on June 30, 2020 including seven documents<sup>4-10</sup> and the second issue was published on December 30, 2020 including seven other documents.<sup>11-17</sup> The plan of Lab-in-Silico has been oriented to publish two issues per year, in which those issues were successfully published in the first year of this journal establishment. Indeed, in the current digital world, doing research by computer-based methodologies could help the ideas to be sensed very much better prior to experiments.<sup>18, 19</sup>

The concept of NBIC<sup>20</sup> could be also investigated through employing such computer-based methodologies. Mathematical algorithms, computer software and hardware, powerful processors, 3D model systems, theoretical background and availability of such modern laboratory almost everywhere, could all reveal this message that Lab-in-Silico is a facility of modern era of science and technology. It really depends on the researchers how to accept or annoy it for employing in their research activities. The facility has been already ready for using in all fields of research topics but still requires expertise to master it for doing high-quality research works. It is known that PhD degree programs of computational related science and engineering are now available in several academic fields all around the world. Additionally, many books and journals have been established to show advantage of employing such computer-based methodology to make sense the ideas. In order to maintain green nature as much as possible, Lab-in-Silico could help to use lower values of materials and less damaging the nature in its best. Therefore, Lab-in-Silico would like to invite all researches to make sense their ideas *in silico* by publish their work in <https://lab-in-silico.com>. Lab-in-Silico (eISSN: 2717-1922) is a multidisciplinary international research journal established by SciEng Publishing Group (<https://sciengpub.com>) covering all fields of scientific works *in silico*. This double-blind

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peer-reviewed journal aims to provide a rapid-processing platform for researchers from all around the world to share their latest findings. The journal policy is pure Open Access without article processing charges for authors and all published articles of this journal are freely available for readers without any subscription fee through online system at the [journal homepage](#). Lab-in-Silico has been publishing twice a year (2 issues per year; June and December) accepting all Original Research and Review Articles in addition to Short Communications and Letters. Please submit your manuscripts directly to Lab-in-Silico through on-line

submission system at the journal homepage website: <https://lab-in-silico.com>. At the moment of writing this letter, all already published articles of Lab-in-Silico have been indexed by two database of [Google Scholar](#) and [ICI - Index Copernicus International](#). It is noted that applications for indexing by further databases are running. Lab-in-Silico; an international journal, is looking forward to receiving your valuable submissions to consider for rapid publishing processes of this journal free-of-charge for both of authors and readers. In case of any questions or problems, please kindly contact us using [lab-in-silico@sciengpub.com](mailto:lab-in-silico@sciengpub.com) e-mail.

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