Arli Aditya Parikesit is a bioinformatics expert and research group leader from Indonesia. He is the Professor of Bioinformatics Department at the Indonesia International Institute for Life Sciences (i3L). He has a strong background in biochemistry, biotechnology, and computer science, and has conducted research in various fields such as structural bioinformatics, immunoinformatics, rational drug design, and in silico transcriptomics.

Parikesit was born in Jakarta, Indonesia, and completed both his bachelor's and master's degrees in Chemistry at the Faculty of Mathematics and Natural Sciences, University of Indonesia. He received a full scholarship from the German Academic Exchange Service (DAAD) to pursue his doctoral degree in bioinformatics at the University of Leipzig, Germany. His doctoral research focused on the utilization of modern protein domain annotation techniques to the three domains of life. Moreover, he also worked as a research fellow at The Max Planck Institute for Mathematics in the Sciences (MPI MIS) in Leipzig, Germany.

Parikesit has published more than 150 papers in international journals and conferences, and has received various awards and grants for his research achievements. He also edited and co-authored several books such as “COVID-19 Drug Development: Recent Advances, New Perspectives, and Application (2022) “, and “ Molecular Insight of Drug Design (2018)“ from IntechOpen. He is also a honorary member of the Indonesian Young Academy of Science (ALMI) and a member of Indonesian Chemical Society (HKI). He is passionate about developing bioinformatics education and research in Indonesia, and collaborating with industry partners to apply bioinformatics solutions to real-world problems. He is also interested in artificial intelligence and its applications to life sciences.

Selected Journal Publications:

Pratama, R. A., Astina, J., & **Parikesit, A. A**. (2023). In Silico Antidiabetic Study of Phenolic Compounds from Banana (Musa spp .) Peel Targeting PTP1B Protein. *Journal of Tropical Biodiversity and Biotechnology*, *8*(3), 83124. https://doi.org/10.22146/JTBB.83124

Wicaksono, A., & **Parikesit, A. A**. (2023). Molecular Docking and Dynamics of SARS-CoV-2 Programmed Ribosomal Frameshifting RNA and Ligands for RNA-Targeting Alkaloids Prospecting. *HAYATI Journal of Biosciences*, *30*(6), 1025–1035. https://doi.org/10.4308/HJB.30.6.1025-1035

Victoria, S. A., Pramanda, I. T., & **Parikesit, A. A**. (2023). In Silico Study of Alkaloid Compounds with Computational Approach for Selection of Drug Leads for COVID-19. *Coronaviruses*, *04*. https://doi.org/10.2174/2666796704666230823164137