

# Eko Aditya Rifai (1989-2021)

## An outstanding Indonesian young scientist on bioinformatics

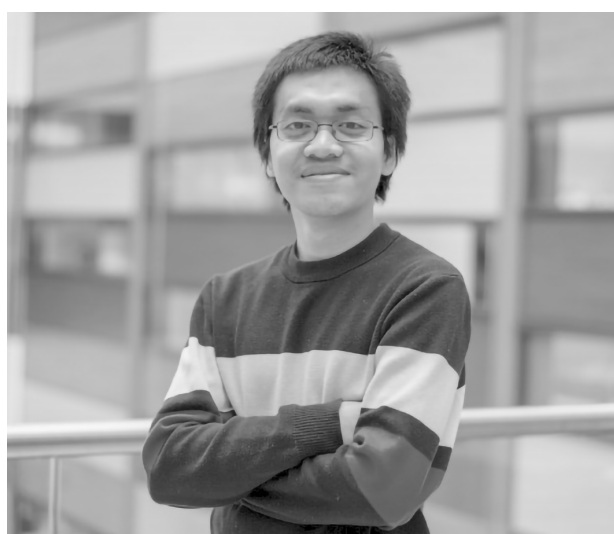
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**E**ko Aditya Rifai is one of finest Indonesian young scientist in the field of biomolecular simulation and modelling. His project included a fast and accurate protein-ligand binding free calculations using linear interaction energy. This approach is important to understand the mechanism of drugs (ligand) binding to its receptor. Rifai major interest is drug discovery and safety. His finding showed that linear interaction energy and chemical solvation free energy can be integrated to determine correlation between *in silico* and *in vitro* binding study.

Graduated from the Faculty of Pharmacy Universitas Indonesia with distinction in 2013, Eko Aditya Rifai received of “Dexa Award”. During his school years, he was actively involved in student body intra- and extra-campus. His leadership and academic achievement brought him to become LPDP awardee in 2013, a competitive scholarship from Indonesian government. Rifai completed Master Program on bioinformatics, polyomics and systems biology from University of Glasgow with distinction in 2015. Then, he pursued PhD on molecular toxicology in Vrije Universiteit Amsterdam and graduated in 2019. During his PhD training, he was selected as the best oral presenter in 2019 Asian Federation of Pharmaceutical Sciences conference.

Before joining Universitas Indonesia, Rifai started his career in pharmaceutical industry for one and half year. He managed to complete some R&D project in PT Dexa Medica. Finished his Master and PhD training, Rifai joined Faculty of Pharmacy, Universitas Indonesia, as a lecturer. Within Faculty of Pharmacy, he was appointed as the Coordinator of Research, Innovation, and Community Service. With dedication, he organized and distributed hand



sanitizers to numerous institutions in Jakarta during the COVID-19 pandemic.

Faculty of Pharmacy Universitas Indonesia will remember Dr Rifai for his significant contribution on creating an online learning material and tutorial for practical on pharmaceutical-medicinal chemistry and bioanalysis. With his commitment, he served to organize some important campus events that helped Faculty of Pharmacy Universitas Indonesia shaped its adaptation process during pandemic. Dr Rifai will be remembered by his colleagues and friends for his kindness, intelligent, and warmness. He was a finest Indonesian scientist and academia in the field of bioinformatics. Together with so many who are indebted to him for his great contributions, we keep fond memories of the good times spent with him.

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