Staff Handbook

Name	Elma Sakinatus Sajidah, M.Si., Ph.D.
Position	Assistant Professor
Academic Career	

Academic Appointment	Institution	Year
Doctor of Philosophy in Nanoscience	Kanazawa University	2020-2023
Master of Biology	Airlangga University	2018-2019
Bachelor of Biology	Airlangga University	2013-2017

Employment

No	Position	Employer	Period
1.	Lecturer	FMIPA - UNESA	2023 - Present

Research and development projects over the last 5 years

No	Name of project or research focus	Period	Partners	Amount of Financing
1	Bioprospeksi Nanoenkapsulasi Metabolit Sekunder Bakteri Lokal sebagai Anti-Cancer	2025		
2	Studi Ekstrak Daun Cermai: Penuru Kadar Albumin Darah, Pemicu Aktvitas Makrofag Mencit Diabetes Melitus Tipe Dua, dan Oral Bioavailability Metabolitnya	2025		
3	Potensi komponen bioaktif Ortosiphon aristatus sebagai inhibitor NRF2-KEAP1: In silico study	2025		
4	Pengamatan nanoskopik antibody spike protein virus SARS-CoV-2 dengan mikroskop Atomic Force Microscopy kecepatan tinggi	2022		
5	Pemantauan spatial dan temporal vesikel ekstraseluler dan responnya terhadap tekanan fisikokimia dengan mikroskop Atomic Force Microscopy kecepatan tinggi	2021		
6	Bagaimana SARS-CoV-2 dan berbagai virus membangun rute invasi untuk menghambat transport nucleus	2020		
7	Pengaruh pengobatan ekstrak methanol buah okra (Abelmoschus esculentus L.) pada mencit yang terinduksi sodium nitrit	2018		
8	Dampak hepatoprotektif polisakarida Ganoderma lucidum terhadap kerusakan liver mencit yang diinduksi CCl4	2018		

Industry collaborations over the last 5 years	**No** **Project title** **Partners** Inbio
Patents and proprietary rights over the last 5 years	**No** **Title** **Year**
Important publications over the last 5 years	Total number: 1. Sajidah ES, Lim K, Wong RW. How SARS-CoV-2 and Other Viruses Build an Invasion Route to Hijack the Host Nucleocytoplasmic Trafficking System. Cells. 2021 Jun 7;10(6):1424. 2. Sandira, M. I., Lim, K., Yoshida, T., Sajidah, E. S., Narimatsu, S., Imakawa, R., Yoshimura, K., Nishide, G., Qiu, Y., Taoka, A., Hazawa, M., Ando, T., Hanayama, R., & Wong, R. W. (2025). Nanoscopic profiling of small extracellular vesicles via high-speed atomic force microscopy (HS-AFM) videography. *Journal of Extracellular Vesicles*, *14*(4), e70050. https://doi.org/10.1002/jev2.70050 3. Sajidah, E. S., Lim, K., Yamano, T., Nishide, G., Qiu, Y., Yoshida, T., Wang, H., Kobayashi, A., Hazawa, M., Dewi, F. R. P., Hanayama, R., Ando, T., & Wong, R. W. (2022). Spatiotemporal tracking of small extracellular vesicle nanotopology in response to physicochemical stresses revealed by HS-AFM. *Journal of Extracellular Vesicles*, *11*, e12275. https://doi.org/10.1002/jev2.12275 4. Sajidah, E. S., Lim, K., & Wong, R. W. (2021). How SARS-CoV-2 and other viruses build an invasion route to hijack the host nucleocytoplasmic trafficking system. *Cells*, *10*(6), 1424. https://doi.org/10.3390/cells10061424
Activities in sepecialist bodies over the last 5 years	**Organization** **Role** **Period** *Membership without a specific role need not be mentioned