DATA DAFTAR RIWAYAT HIDUP

A. Identitas Diri

1	Nama Lengkap (dengan gelar)	Prof. Dr. Mukh Syaifudin
2	Jenis Kelamin	Laki-laki
3	Jabatan Fungsional	Peneliti Ahli Utama
4	NIP	19650601 198901 1 001
5	NIDN	
6	Tempat, Tanggal Lahir	Purworejo, 1 Juni 1965
7	E-mail	Mukh002@brin.go.id/mukhsyaifudin@gmail.com
8	Nomor Telepon/HP	085691766720
9	Alamat Kantor	Komplek Puspiptek Serpong, Tangerang Selatan, Banten
10	H-index	1. Scopus: 10 https://www.scopus.com/authid/detail.uri?authorId=6507831675 2. Google Scholar: 15 https://scholar.google.co.id/citations?user=9lMGZ6gAAAAJ&hl=id

B. Riwayat Pendidikan

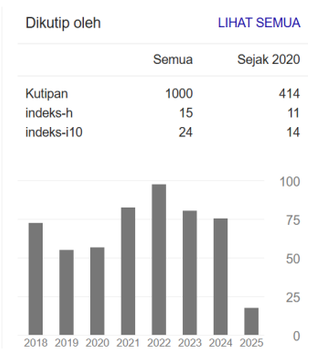
	S-1	S-2	S-3
Nama Perguruan Tinggi	Universitas Gadjah Mada	-	Universitas Osaka
Bidang Ilmu	Kimia		Biologi Radiasi
Tahun masuk/Lulus	1983/1988		1997/2002
Judul	Demetilasi eugenol dan metil-eugenol dengan KI		Morphological, Functional and Genetic alterations of transplanted human thyroid tissue after neutron irradiation

Mukh Syaifudin

IKUTI

Peneliti Utama BATAN
Email yang diverifikasi di batan.go.id - Beranda
Biologi Radiasi

JUDUL	DIKUTIP OLEH	TAHUN
Specific c-kit mutations in sinonasal natural killer/T-cell lymphoma in China and Japan T Hongyo, T Li, M Syaifudin, R Baskar, H Ikeda, Y Kanakura, K Aozasa, ... Cancer research 60 (9), 2345-2347	135	2000
Mutations of the p53 gene in nasal NK/T-cell lymphoma T Li, T Hongyo, M Syaifudin, T Nomura, Z Dong, N Shingu, S Kojya, ... Laboratory investigation 80 (4), 493-499	113	2000
p53, K-ras, c-kit and β-catenin gene mutations in sinonasal NK/T-cell lymphoma in Korea and Japan T Hongyo, Y Hoshida, S Nakatsuka, M Syaifudin, S Kojya, WI Yang, ... Oncology reports 13 (2), 265-271	94	2005



C. Publikasi Artikel Ilmiah Dalam Jurnal dalam 5 Tahun Terakhir

No	Judul Artikel	Nama Jurnal	Tahun, Volume, Nomor	Index Jurnal
1.	Development of Dose-Response Calibration Curve for Dicentric Chromosome Induced by X-Rays	Genome Integrity	Vol. 10: 2, 2019	Q4
2.	Assessment of Individual Radiosensitivity in Inhabitants of Takandeang Village - A High Background Radiation Area in Indonesia	Atom Indonesia	Vol. 45 No. 1 (2019): 27-35	Q3
3.	The effectiveness of 60Co gamma-ray exposure to the reproductive systems of rat (*Rattus argentiventer*) as sterile male technique.	Biodiversitas	Vol. 21(8), 2020, Pages: 3805-3810	Q3
4.	The Use of Image Processing and Analysis in Automated Biological Dosimetry	Atom Indonesia	Vol.46 No.3 (2020) 127-133	Q3
5.	Ionizing radiation impact on hematopoietic cells system in hospitals radiation workers	Sapporo Medical Journal	Vol. 54(5), May, 2020	Q4
6.	Comprehensive exposure assessments from the viewpoint of health in a unique high natural background radiation area, Mamuju, Indonesia	Scientific Reports	Vol. 11:14578 (2021)	Q1
7.	Synthesis, stability, and cellular uptake of 131I-estradiol against MCF7 and T-47D human cell lines as a radioligand for binding assay	Heliyon	Vol. 7 (2021) e08438	Q1
8.	Studi Awal Efek Perlindungan Benalu Kakao (Dendrophthoe pentandra (L.) Miq.) terhadap Kerusakan Limfosit Akibat Radiasi Gamma: Analisis Sitogenetik	Jurnal Ilmiah Aplikasi Isotop dan Radiasi	Vol 17(1), 53-59, 2021.	-
9.	Could scoring tailed and dumbbell-shaped nuclei increase the sensitivity of micronucleus analysis as a biomarker of radiation exposure	Berkala PENELITIAN HAYATI	Vol. 27 No. 1, December 2021, 51-58	-
10.	The Effects of High Level Natural Radiation in Mamuju - Indonesia on the Immune System of Its Residents	Atom Indonesia	Vol. 48 No. 1 (2022)	Q3
11.	Evaluation of Spontaneous DNA Damage Using the Alkaline Comet Assay in Lymphocyte Cells of Humans Living in the High Level Natural Radiation Area of Mamuju, Indonesia	Environment and Natural Resources Journal	Vol. 20(X), 2022	Q3
12.	Superoxide dismutase and glutathione peroxidase activities in a population exposed to high indoor radon concentration: a preliminary report	Free Radical Research	Vol. 55(11-12):1094-110, 2022	Q2
13.	Chromosome aberrations, micronucleus frequency, and catalase concentration in a population chronically exposed to high levels of radon	International Journal of Radiation Biology	Vol. 99(8), 1188-1203. 2022	Q1
14.	The Evaluation of Frequencies of Cytogenetic Biomarkers in Lymphocyte of Residents from High Natural Radiation Area in West Sulawesi, Indonesia	International Journal on Advanced Sciences Engineering and Informational Technology	Vol.12 (2022) No. 1	Q2
15.	Predicting Normal Tissue Radiotoxicity in Radiotherapy Patients Based on the Individual Radiosensitivity Using Three-Color	Indonesian Journal of Cancer	Vol. 16(2) (2022)	S1

No	Judul Artikel	Nama Jurnal	Tahun, Volume, Nomor	Index Jurnal
	Fluorescence In Situ Hybridization: A Literature Review			
16.	Oxidative Modification Status of Human Serum Albumin Caused by Chronic Low-Dose Radiation Exposure in Mamuju, Sulawesi, Indonesia	Antioxidants	Vol. 11, 2384 (2022)	Q1
17.	Phosphorylated Ataxia Telangiectasia Mutated (pATM) Enzyme-Linked Immunosorbent Assay (ELISA) for Predicting Radiation Induces Normal Tissue Toxicity in Radiotherapy Patients: A Systematic Review	Indonesian Journal of Cancer	Vol 17(3), 235–241, 2023	Q3
18.	Preliminary study of chromosome aberrations using Giemsa, two-colour fish, and micronucleus assays in lymphocytes of individuals living in elevated radon concentration areas	Radiation Protection Dosimetry	Vol. 199(14), 1508–1515, 2023	Q2
19.	Micronucleus assay in the blood of residents in Mamuju, West Sulawesi, Indonesia, a high background radiation area	International Journal of Radiation Research	Vol. 21, No 3, 593-596, 2023	Q2
20.	Immune status of people living in the Tande-Tande sub-village (Indonesia), an area with high indoor radon concentration	Radiation and Environmental Biophysics	Vol. 62, pages 449–463, (2023)	Q2
21.	Method development, validation, and impurity measurement of β-estradiol from radiolabeled [131I] β-estradiol using radio-high-performance liquid chromatography for radioligand of saturation binding assay.	Journal of Advanced Pharmaceutical Technology and Research	Vol. 14 (2) 105-112, 2023	Q2
22.	IL-6 and IL-10 Levels in Rats Blood Plasma as Immune Responses Post Radioiodine (I-131) Administration.	Asian Pacific Journal of Cancer Prevention	Vol. 25(3), 1017-1023 (2024)	Q3
23.	Toxicity and biodistribution of alginate-stabilized AgNPs upon 14-days repeated dose oral administration in mice	Journal of Applied Pharmaceutical Science	Vol. 14(06), pp 135-146, June, 2024	Q2
24.	Computational insights into Sitahe (*Leuconotis eugenifolia*) bioactive compounds: A promising approach for radioprotection through p53 inhibition	Pharmacia	Vol. 72: 1–14 (2025)	Q3
25.	Inhibitory Effects of Citrus-Derived Flavonoids Hesperidin and Hesperetin on SARS-CoV-2 spike-Mediated Syncytia Formation Using In vitro Cell Model	Advanced Pharmaceutical Bulletin,	doi: 10.34172/apb.44060, 2025	Q1
26.	Radiolabelling and In Silico Evaluation of 131I-Pentagamavunone-0 for Therapeutic and Diagnostic Compounds	Indonesian Journal of Pharmacy	2025 doi: https://doi.org/10.22146/ijp.12122.	Q3
27.	Radiosynthesis of [131I]I-Hesperidin: Optimization, physicochemical profiling, and computational insights for targeted radiopharmaceuticals	Applied Radiation and Isotopes	Vol. 225 (2025) 111977 https://doi.org/10.1016/j.apradiso.2025.111977	Q1

D. Karya Buku dalam 5 Tahun Terakhir

Penulis	Judul Buku	Publisher	Tahun	ISBN
Mukh Syaifudin	Biologi Radiasi: Dasar-dasar dan Aplikasi	Brin Press	2023	978-979-8500-73-2

E. Daftar Paten dan Hak Cipta 5 tahun terakhir

No	Judul HKI	Tahun	Nomor pencatatan
1.	International patent "Biomarker for detecting radiation exposure" (PTKMR/PRTKMMN-BRIN and Hirosaki University)	2022	PCT/JP2021/026902
2.			
3.			

F. Penghargaan dalam 10 Tahun Terakhir

No	Nama Penghargaan/Piagam	Institusi Pemberi	Tahun Pemberian
1.	Satya Lencana Karya Satya XXX-Tahun (2019)	Presiden RI	2019
2.			
3.			
4.			

Semua data yang saya isikan dan tercantum dalam biodata ini adalah benar dan dapat dipertanggungjawabkan secara hukum. Apabila di kemudian hari ternyata dijumpai ketidaksesuaian dengan kenyataan, saya sanggup menerima sanksi.

Bandung, 14 April 2025
Pengusul,

Prof. Dr. Mukh Syaifudin
NIP. 196506011989011001