



Name	Dr. Kahar Muzakhar, S.Si.		
Position	Lecturer at Biology Department, Faculty of Math . and Natural Science, University of Jember		
Academic Career	Initial Academic Appointment	Institution	Year
	Bachelor of Biology	Bandung Institute of Technology	1986-1993
	Doctor of Applied Microbiology	Osaka Prefecture University	1996-2000
Employment	Position	Employer	Period
	Lecturer of Microbiology	Faculty of Mathematics and Natural Sciences, University of Jember	1997-now
Research and development projects over the last 5 years	Name of project or research focus	Tropical Potential Microorganisms	
	Amount of financing	Rp 30.000.000,-	
	Name of project or research focus	Identification of bacteria Endosymbion Digestive System Pest Coffee Beans <i>Hypothenemus hampei</i> Ferr	
	Amount of financing	Rp 49.000.000,-	
	Name of project or research focus	Production of Industrial Grade Cellulase Enzyme Based on Coffee Fruit <i>Exocarpa</i> Skin Waste Substrate	
	Amount of financing	Rp 416.000.000,-	
	Name of project or research focus	Microbial utilization of coffee pulp for xylanase production	
Amount of financing	Rp 50.000.000,-		
Patents and proprietary rights	Patent Certificate: P00201608480	The production process of cellulase from <i>Aspergillus</i> sp. Raw material from waste fiber from palm empty fruit bunches.	
Important publications over the last 5 years	Selected recent publications from a total of approx.		
	(Give total number)	18	
	Title	AA Hidayah, Azizah, R Winarsa, <b>K Muzakhar</b> . 2020. Utilization of coffee pulp as a substrate for pectinase production by <i>Aspergillus</i> sp. VTMS through solid-state fermentation. <i>AIP Conference Proceedings</i> 2296 (1), 020012	
	Title	S Arimurti, RB Afifuddin, S Siswanto, <b>K Muzakhar</b> . 2020. Characterization and Identification of Caffeine-Degrading Bacteria KAJ 36. <i>Pelita Perkebunan (a Coffee and Cocoa Research Journal)</i> 36 (2), 173-179	
	Title	Fitri Azhari, Rudju Winarsa, Siswanto, <b>Kahar Muzakhar</b> , Esti Utarti, Sutoyo, Sattya Arimurti. 2021. Growth of <i>Lactobacillus casei</i> FNCC 0900 in Media Based Umbi Porang Plant ( <i>Amorphophallus muelleri</i> Bl.). <i>BERKALA SAINSTEK</i> . 2021 9(2): 86-94	
Title	R Rusdianti, A Azizah, E Utarti, HT Wiyono, <b>K Muzakhar</b> 2021. Cheap cellulase production by <i>Aspergillus</i> sp. VTM1 through solid state fermentation of coffee pulp waste. <i>Key Engineering Materials</i> 884, 159-164		

	Title	ON Gasani, A Azizah, S Siswanto, R Winarsa, <b>K Muzakhar</b> . 2021. Pectinase Production by Using Coffee Pulp Substrate as Carbon and Nitrogen Source. <i>Key Engineering Materials</i> 884, 165-170
	Title	NI Sunarto, A Azizah, E Utarti, R Winarsa, <b>K Muzakhar</b> . 2021. Preliminary Investigation of Cellulase Producer Candidate Isolate VT11 Using Coffee Pulp Waste Under Solid-State Fermentation. <i>Key Engineering Materials</i> 884, 234-240
	Title	U Wasilah, <b>K Muzakhar</b> , P Purwatiningsih. 2021. Cellulase, Pectinase, and Xylanase Production by <i>Listeria</i> sp. ISH 16 using Coffee Pulp Waste Medium. <i>IPTEK Journal of Proceedings Series</i> , 354-359