Dr. Amaria, M.Si

Position	**Inorganic Chemistry Lecturer**			
	Lecturer on Inorganic Chemistry			
Academic Career	**Degree**	**University**		**Year**
	Bachelor Degree (Chemistry Education)	Universitas Negeri Surabaya		1990
	Master Degree (Inorganic Chemistry)	UGM - Indonesia		1998
	Doctoral Degree (Inorganic Chemistry)	UGM - Indonesia		2018
Employment	**Position**	**Employer**		**Period**
	Associate Professor	Universitas Negeri Surabaya		
	Title	**Year**	**Partner/Funder**	**Amount of Financing (million)**
Research and Development Projects Over The Last 5 Years	Recovery of Gold from Solution with Silica-Arginine Layered on Magnetite	2016	Disertasi Doktor (DIKTI)	45.6
	Encapsulation of Metformin with Chitosan Alginate Composites as an Anti-Bacterial Drug for Type 2 Diabetes Slow Release System	2019	Penelitian Dasar Unggulan PT (DRPM)	
	Synthesis of Functional Gold Nanoparticles of Amino Acids and Petroleum Applications As Colorimetric Sensors of Heavy Metal Ions	2019	PNBP	40
	Immobilization of Soy Amylase (Glycine max) Enzyme with Entrapment Method To	2019	PNBP	

	Support Excellent Products & Learning			
	Stability Study of Gold Nanoparticles Using Amino Acid Stabilizers	2019	Kebijakan MIPA Dana PNBP	10
Industry Collaborations Over The Last 5 Years				
Patents and Proprietary Rights	**Title**	**Patent ID**		**Year**
	Adaptation Method for Gold / Au (III) Metal Cation from Liquid Waste with Saccharomyces cerevisiae Biomass and Its Desorption Method	IDP000042867		2017
	Inorganic Chemistry	082603		2016
	Basic Chemistry	083838		2016
	Organization and Management of Chemistry Education Laboratories	081931		2016
Important Publication Over The Last 5 Years	**Amaria**. 2015. Kapasitas Adsorpsi Silika Abu Sekam Padi Termodifikasi Arginin Untuk Adsorpsi Ion Logam Cr(VI) (Arginine Modified Rice Husk Ash Silica Adsorption Capacity For Cr (VI) Metal Ion Adsorption). Unesa Journal of Chemistry. Vol 4, No. 1 **Amaria**. 2017. Coating of L-Arginine Modified Silica on Magnetite through Two Different Sol-Gel Routes. Indonesian Journal of Chemistry. Vol. 17, No.2, pp:256-263 **Amaria**. 2017. Preparation of L-Arginine-Modified Silica-Coated Magnetite Nanoparticles for Au(III) Ion Adsorption. Oriental Journal of Chemistry, India. **Amaria**. 2017. Coating of L-Arginine Modified Silica on Magnetite through Two Different Sol-Gel Routes. Indonesian Journal of Chemistry (IJC).			
Activities in Special Institution	**Organization**	**Position**		**Period**
	Himpunan Kimia Indonesia Cabang Jawa Timur	Member		2009-now
	Himpunan Kimia Indonesia Pusat	Member		2009-now