

## CURICULUM VITAE

### I. Identitas Diri

1.1	Nama Lengkap (dengan gelar)	Prof. Dr. Nurfina Aznam, SU., Apt	L/P
1.2	Jabatan Fungsional	Guru Besar	
1.3	NIP	19561206 198103 2 002	
1.4	Tempat dan Tanggal lahir	Bandung, 6 Desember 1956	
1.5	Alamat rumah	Gowongan kidul Jt 3/410, Yogyakarta, 55232	
1.6	Nomor telepon/ Fax	(0274) 561451	
1.7	Nomor Hp	081578601981	
1.8	Alamat Kantor	Jurusan Pendidikan Kimia, FMIPA, Universitas Negeri Yogyakarta Karangmalang, Depok, Sleman, Yogyakarta, 55281	
1.9	Nomor telepon/Fax	(0274)586168 Psw 217; 310/ Fax : (0274) 540713	
1.10	Alamat email	<a href="mailto:finaazn@yahoo.com">finaazn@yahoo.com</a> ; <a href="mailto:nurfina_aznam@uny.ac.id">nurfina_aznam@uny.ac.id</a>	
1.11	Lulusan yang telah dihasilkan	S1 : lebih dari 50 orang; S2 : - ; S3 -	
1.12	Mata kuliah yang diampu	1. Kimia Organik fisik 2. Kimia Farmasi 3. Elusidasi struktur 4. Toksikologi 5. Filsafat Ilmu	

### II. RIWAYAT PENDIDIKAN

2.1 Program	S1	S2	S3
2.2 Nama PT	UGM	UGM	UGM
2.3 Bidang Ilmu	Farmasi	Farmasi	Farmasi
2.4 Tahun masuk	1975	1983	1989
2.5 Tahun lulus	1981	1986	1994
2.6 Judul Skripsi/ Tesis/Disertasi	Efek sedative seduhan biji pala ( <i>Myristica fragans</i> Houttuyn) pada mencit	Sintesis diamino difenil trikloroetana, Hubungan antara log P dengan LD50 turunan DDT	The synthesis of some symmetrical curcumin derivatives and the study of their antiinflammatory activities and the study of activity relationship
2.7 Nama Pembimbing/ Promotor	Dr. RH. Yudoyono; Drs. Sarjoko, Apt; dr. Sulanto Saleh Danu R; Drs. Sugiyanto, Apt	Prof. Dr. Moch. Samhoedi R, Apt; Dr. Moh. Makin Ibnu Hajar, Apt	Prof. Dr. Moch. Samhoedi R, Apt; Prof. Dr. Henk Timmerman, Dr. Umar Anggara Yennie, Apt; Dr. Sugiyanto, Apt

### III. PENGALAMAN PENELITIAN (bukan skripsi, tesis, maupun disertasi)

No	Tahun	Judul Penelitian	Pendanaan	
			Sumber	Jml (juta ) Rp
1	2004-2005	Eksplorasi senyawa kimia yang berkhasiat sebagai antihepatotoksik dari beberapa spesies <i>Hopea</i> (Dipterocarpaceae) Indonesia, Anggota Penelitian HB XII	Hibah Bersaing DIKTI	70.000.000 (2 tahun)
2	2006-2007	Pemisahan senyawa bioaktif oligoresveratrol dari kulit batang tumbuhan <i>Hopea odorata</i> (Dipterocarpaceae) serta uji aktivitasnya sebagai pencegah degradasi deoksiribosa dan antitumor (Ketua Peneliti)	Fundamental DIKTI	80.000.000
3	2008	Hubungan struktur dan mekanisme aktivitas anti proliferasi, apoptosis, serta siklus penghambatan cell lines kanker beberapa senyawa oligoresveratrol dan derivatnya (Ketua Peneliti)	Insentif Riset Dasar, Menristek	250.000.000
4	2007- 2009	Pengembangan fitofarmaka ekstrak kulit batang <i>Hopea</i> (Dipterocarpaceae) sebagai obat baru antihepatotoksik ( Anggota penelitian)	RAPID DIKTI	855.000.000 (3 tahun)
5	2010	Development of active compounds from temu giring ( <i>Curcuma heyneana</i> ) and Temu ireng ( <i>Curcuma aeruginosa</i> ) against human cancer cell lines (Anggota)	DIPA UNY	100.000.000
6	2010	Development of bioactive compounds from some species Indonesia traditional plants against as antiviral (Ketua)	DP2M	135.000.000
7	2010- 2011	Uji Klinis terbatas sediaan jamu temulawak bentuk kapsul dan intsn sebagai antihepatotoksik dan antihaemorhoid di Puskesmas Jetis (Ketua)	RISTEK	817.000.000 (Tiga tahun)
8	2012	Hubungan struktur terhadap aktivitas antimutagenik beberapa senyawa flavanon hasil isolasi rimpang tumbuhan kunci pepet ( <i>Kaempheria rotunda</i> ) (Anggota)	Hibah Guru Besar DIPA UNY	25.000.000
9	2012	Development of active compounds from <i>Kaempheria rotunda</i> againts human cancer lines (Ketua)	Hibah Kerjasama Internasional	100.000.000
10	2013-2014	Standarisasi bahan baku dan produk temulawak serta peningkatan kualitas melalui teknologi budidaya berbasis masyarakat (Ketua)	DP2M	150.000.000
11	2015- 2017	engembangan produk jamu berbasis temulawak sebagai antihiperkolesterol melalui uji farmakologi secara <i>in vivo</i> dan uji klinis terbatas	IDB	175.000.000

12	2018	uji aktivitas analgetika dan anti-inflamasi infusa daun sirsat, daun binahong, dan daun kelor secara <i>in vivo</i> dan <i>in vitro</i>	PPs UNY Penelitian kerja-sama luar negeri	75.000.000
13	2019	The Antihypertensive Activity Test for Garlic ( <i>Allium sativa</i> ) and Black Garlic through Angiotensin-I Converting Enzyme (ACE) Inhibitory Activity) Inhibitory Activity	LPPM UNY Penelitian kerja-sama luar negeri	75.000.000
14	2020	Model pembelajaran ISSITech (Inquiry berbasis (Socio Scientific berbantuan ICT) dan pengaruhnya terhadap soft skill dan Scientific literacy calon guru IPA	DRPM Penelitian Disertasi Doktor	55.000.000
15	2020	Pengembangan Blended Learning Terintegrasi dengan Peer Tutor Strategies Pada New Normal Pandemi Covid-19 Untuk Pencapaian Prestasi, Motivasi dan Kepuasan Layanan Pembelajaran di Prodi S2 Pendidikan Sains PPs UNY	Hibah DIPA UNY	20.000.000

#### IV. PENGALAMAN PENULISAN ARTIKEL ILMIAH DALAM JURNAL

No	Tahun	Judul Artikel Ilmiah	Volume/ Nomor	Nama Jurnal
1	2006	Oligostilbenoids from <i>Hopea mengarawan</i> (Dipterocarpaceae) (Anggota)	34	<i>Biochemical. Systematic And Ecology</i>
2	2003	Stenophylol B and hopeaphenol, two oligomer stilbenoid from stem bark of <i>Vatica umbonata</i> Korth (Dipterocarpaceae), (Anggota)	Vol. 8, NO.1	<i>Jurnal Matematika &amp; Science (Jurnal terakreditasi DIKTI, FMIPA, ITB)</i>
3	2005	A trimer stilbenoids compound from stem bark <i>Hopea nigra</i> (Dipterocarpaceae) (Anggota)	5 (3),	<i>Indonesian Journal of. Chemistry (Jurnal terakreditasi DIKTI, Kimia, UGM)</i>
4	2005	The exploration bioactive compounds as antihepatotoxic from some species of Indonesian <i>Hopea</i> (Dipterocarpaceae) (Anggota)	Tahun x No. 2	<i>JPMS (Jurnal terakreditasi DIKTI, FMIPA, UNY)</i>
5	2006	Balanocarpol and Heimiol A, two resveratrol trimmers from stem bark <i>Hopea mengarawan</i> (Dipterocarpaceae) (Anggota)	6 (1),	<i>Indonesian Journal of. Chemistry (Jurnal terakreditasi DIKTI, Kimia, UGM)</i>
6	2006	Balanocarpol and Ampelopsin H, Two oligoresveratrol from stem bark of <i>Hopea odorata</i> (Dipterocarpaceae) (Anggota)	6 (3)	<i>Indonesian Journal of. Chemistry (Jurnal terakreditasi DIKTI, Kimia, UGM)</i>

7	2008	Resveratrol derivative compounds from stem bark of <i>Hopea</i> and their biological activity test, (Penulis anggota)	Vol.19(2), 7-21, 2008	J Physical Science, USM, Penang, Malaysia
8	2011	Uji aktivitas antiviral beberapa rimpang tumbuhan Zingiberaceae (Penulis anggota)	Vol. 16, No.1, 2011	Jurnal Penelitian Saintek ISSN: 1412-3991
9	2010	Efek sitotoksik ekstrak umbi tumbuhan temu giring ( <i>Curcuma heyneana</i> ) dan temu ireng( <i>Curcuma aeruginosa</i> ) terhadap beberapa sel kanker (Penulis anggota)	Vol.15(2)2010	Jurnal Penelitian Saintek ISSN: 1412-3991
10	2013	Isolation and antimutagenic activity of some flavanon compounds from <i>Kaemferia rotunda</i> (Anggota)	Vol. 4 (2013) 3-8	International Jurnal of chemical and analytical science (in print elsevier, terindex scopuss), accepted for publication. ISSN: 0976-1209
11	2014	Essential Oil Content of the Rhizome of <i>Curcuma purpurascens</i> Bl. (Temu Tis) and Its Antiproliferative Effect on Selected Human Carcinoma Cell Lines	Volume 2014, Article ID 397430, 7 pages	Hindawi Publishing Corporationthe Scientific World Journal
12	2016	Isolation of Sesquiterpenes Lactone from <i>Curcuma Aeruginosa</i> Rhizome and Cytotoxic Activity Against Human Cancer Cell Lines	Vol. 8(7); 1168-1172; 2016	International Journal of Pharmacognosy & Phytochemical Research ISSN: 0975-4873
13	2016	Pharmacological Test of Herbal Products from Temulawak ( <i>Curcuma Xanthorrhiza</i> ) As Antihypercholesterol by <i>In Vivo</i>	8(5); 807-811;2016	International Journal of Pharmacognosy and Phytochemical Research ISSN: 0975-4873
14	2020	Influence of the use of technology through problem based learning and inkuiri models are leading to scientific communication students class vii	JOTSE, 2020 - 10(2): 190-198	Journal of Technology and Science Education– Online ISSN: 2013-6374 – Print ISSN: 2014-5349
15	2020	Effects of the google meet assisted method of learning on building student knowledge and Learning Outcomes	Vol. 8(9), pp. 3924 – 3936 DOI: 10.13189/ujer.2020.080917	Universal Journal of Educational Research
16	2020	Characterization of nanocurcuminoid from ethanol extract of <i>curcuma xanthorrhiza</i> rhizome loaded by chitosan and alginic and its antioxidant activity test	Vol. 13, No. 2, 817 – 825, 2020	Rasayan J Chem ISSN: 0974-1496   e-ISSN: 0976-0083   CODEN: RJCABP

## F. Pemakalah Seminar Ilmiah (*Oral Presentation*) dalam 5 Tahun Terakhir

No.	Tahun	Judul Artikel	Jenis Prosiding
1	2007	Concentration of bioactive compounds as antihepatotoxic on various solvent and some tissue plant of <i>Hopea mengarawan</i> (Anggota)	<i>Proseding seminar nasional FMIPA UNY, 15 Agustus 2007</i>
2	2007	Stability of bioactive compounds as antihepatotoxic from methanol extract stem bark of <i>Hopea mengarawan</i> (Anggota)	<i>Proseding Seminar Nasional Kimia, Oktober 2007</i>
3	2007	Toxicity of ethanolic extract from stem bark of <i>Hopea mengarawan</i> ( <i>Penulis utama</i> )	Seminar ITB-UKM, Bandung 2007
4	2007	Cytotoxicity some oligostil benoid compounds from <i>Hopea odorata</i> against human cancer cell lines ( <i>penulis utama</i> )	Seminar ITB-UKM, Bandung 2007
5	2008	Acut and subchronic toxicity of ethanolic extract from stem bark of <i>Hopea mengarawan</i> , Seminar ICYC, Penang 2008 ( <i>penulis utama</i> )	Seminar ICYC, Penang 2008, Malaysia
6	2008	Antiproliferative mechanism of some oligostilbenoid compounds from <i>Hopea odorata</i> against human cancer cell lines, Seminar ICYC, Penang 2008 ( <i>Penulis utama</i> )	Seminar ICYC, Penang 2008, Malaysia
7	2009	Cytotoxicity effect of resveratrol oligomers and their derivative against human cancer cell lines (Anggota)	Proseding Seminar Internasional PACCON, Naresuan University, Phitsanulok, Thailand , tanggal 14-16 Januari, 2009
8	2009	Antihepatotoxic effect and toxicity of ethanolic extract from stem bark of <i>Hopea mengarawan</i> ( <i>Ketua</i> )	Proseding Seminar Internasional PACCON, Naresuan University, Phitsanulok, Thailand , tanggal 14-16 Januari, 2009
9	2009	Effect of decocta of Pasak Bumi ( <i>Eurycoma longifolia</i> . Jack) Root Powder by Natatory Exhaustion at male mice (mandiri)	Proseding Seminar Internasional , The first international seminar on Science and Technology CISSTEC 2009, Universitas Islam Indonesia , tanggal 24-25 Januari, 2009
10	2011	Phytochemical study on some <i>Curcuma</i> species from Indonesia (Anggota)	International seminar on natural product, 11-15 Juli 2011, Brisbane, Australia
11	2011	Phytochemical studies of some Indonesian plants Zingiberaceae as antiviral ( <i>Ketua</i> )	International seminar on natural product, 11-15 Juli 2011, Brisbane, Australia

12	2012	Oligoresveratrol isolated from stem bark of <i>Hopea odorata</i> as antioxidant and cytotoxicity against human cancer cell lines (Anggota)	2012 3rd International Conference on Chemistry and Chemical Engineering ICCCE 2012 Jeju Island, South Korea, June 29-30, 2012
13	2012	Isolation, identification, and antiviral activity of bioactive compounds of <i>Kaempferia rotunda</i> (Ketua)	2012 3rd International Conference on Chemistry and Chemical Engineering ICCCE 2012 Jeju Island, South Korea, June 29-30, 2012
14	2013	clinical test of product Indonesian jamu temulawak as antihepatotoxic	44th World Chemistry Congress. Turkey, August 11-16, 2013
15	2017	The Development of Temulawak ( <i>Curcuma Xanthorrhiza</i> ) Herb Product and Pharmacological Test as Anti Hypercholesterolemia	8 <sup>th</sup> International Science and Technology Conference (ISTEC). Berlin-Germany, July 17- 19, 2017
16	2018	The enhancement of temulawak products quality	The International Congress on Chemical, Biological and Environmental Sciences, May 1-4, 2018 Hokkaido, Japan
17	2019	Test various kinds of Temulawak ( <i>Curcuma xanthorrhiza Roxb</i> ) dosage forms as analgesics in mice with writhing methods	International Conference on medical health science Mecca, 15 April 2019
18	2020	Tonic Effect Test of Coffee Leaves ( <i>Coffea</i> sp) and Cacao leaves ( <i>Theobroma cacao</i> L.) Infusion on Male Mice ( <i>Mus musculus</i> ) by Natatory Exhaustion Method	The 7 <sup>th</sup> international conference on research, implementation, and education on September, 25 <sup>th</sup> - 26 <sup>th</sup> , 2020 has participated in organized by Faculty of Mathematics and Natural Sciences, Universitas Negeri Yogyakarta.

## VI. PENGALAMAN PENULISAN BUKU

No	Tahun	Judul Buku	Jumlah Halaman	Penerbit
1.	1996	Kunyit Prospek, Budi Daya dan pengolahannya		PT. Trubus Agriwidya, Ungaran
2.	2008	Kimia Farmasi, cetakan kelima		Pusat penerbit Universitas Terbuka
3.	2007	Kimia Organik Fisik		

## VII. PENGALAMAN PEROLEHAN HKI

No	Tahun	Judul/ Tema HKI	Jenis	Nomor Pendaftaran/Sertifikat
1	2007	Bioactive extract as antihepatotoxic from Meranti (Dipterocarpaceae): Extraction method process and the Useness,	Paten	Pendaftaran Paten No. P00200700558 Date October 4, 2007
2	2009	Ekstrak dan bahan aktif antimutagenik dari tumbuhan <i>Hopea mengarawan</i>	Paten	Pendaftaran Paten No.P00200900694, Tanggal 23 Desember 2009
3	2011	Penggunaan beberapa senyawa oligoresveratrol dari tumbuhan Meranti sebagai obat kanker	Paten	Pendaftaran Paten No.P00201100062 Tanggal 19 Januari 2011
4	2011	Pengembangan produk sediaan jamu temulawak kapsul dan instan sebagai antihepatotoksik	Paten	Pendaftaran Paten No. P00201100790 Tanggal 30 November 2011
5	2011	Pengembangan produk ekstrak bahan aktif yang mengandung senyawa oligoresveratrol dari tumbuhan meranti sebagai obat kanker	Paten	Pendaftaran Paten No. P00201100791 Tanggal 30 November 2011
6	2020	Kompres Herbal Berbahan Dasar Daun Kupu-Kupu Bauhinia Variegata Sebagai Penurun Panas	Paten	Pendaftaran Paten No S00201806558 Tanggal 28 Agustus 2018

## VIII. PENGALAMAN SHORT COURSE

1. WIGB Australia Short Term Awards, Griffith University, Brisbane, Australia, Tahun 2016
2. Short Course in Taipei Medical University, Taipei, Taiwan, 13 November-1 December 2017

Yogyakarta, 20 Oktober 2020  
Yang menyatakan



Prof. Dr. Nurfina Aznam, SU., Apt  
NIP. 19561206 198103 2 002