

LAPORAN HASIL KEGIATAN
WEBINAR
“PENGABDIAN MASYARAKAT SEBAGAI PILAR AKADEMIK
MENUJU KENAIKAN JABATAN FUNGSIONAL DOSEN”
10 MEI 2025



OLEH:
NIFTY FATH, S.T., M.ENG

FAKULTAS TEKNIK
UNIVERSITAS BUDI LUHUR
SEMESTER GENAP 2024/2025

KATA PENGANTAR

Puji syukur saya panjatkan kepada Tuhan Yang Maha Esa atas berkah dan karunia-Nya sehingga laporan kegiatan ini dapat terselesaikan dengan baik. Laporan kegiatan ini merupakan hasil rangkuman kegiatan dari Webinar **“Pengabdian Masyarakat sebagai Pilar Akademik Menuju Kenaikan Jabatan Fungsional Dosen”** yang diselenggarakan oleh Deepublish. Laporan ini disusun untuk memenuhi laporan Beban Kinerja Dosen Semester Genap 2024/2025. Saya mengucapkan terimakasih karena telah diberikan kesempatan untuk mengikuti kegiatan webinar tersebut.

Jakarta, 06 Agustus 2025

Penulis

1. Nama Kegiatan

Acara webinar dengan judul: “PENGABDIAN MASYARAKAT SEBAGAI PILAR AKADEMIK MENUJU KENAIKAN JABATAN FUNGSIONAL DOSEN”

2. Waktu dan Tempat

Webinar diselenggarakan secara online pada Sabtu, 10 Mei 2025.

3. Pembicara dalam Webinar

Webinar ini diselenggarakan oleh publisher Deepublish yang bekerja sama dengan Universitas Padjajaran. Pembicara dalam kegiatan ini adalah Prof. apt. Muchtaridi, Ph.D. dari Universitas Padjajaran.

4. Rangkuman Materi

Prof. apt. Muchtaridi, Ph.D dalam webinar “Pengabdian Masyarakat Sebagai Pilar Akademik Menuju Kenaikan Jabatan Fungsional Dosen” memaparkan tentang pentingnya kegiatan pengabdian masyarakat sebagai pilar karier akademik dosen. Kegiatan pengabdian Masyarakat sebagai penunjang menuju kenaikan jabatan fungsional wajib dilaksanakan oleh dosen, sesuai dengan UU No. 14 Tahun 2005 tentang kewajiban Guru dan Dosen dalam melaksanakan tugas Tridharma. Menurut Prof. apt. Muchtaridi, PhD., pelaksanaan kegiatan pengabdian saat ini memiliki beberapa tantangan yakni pendanaan yang terbatas serta insentif kum yang kecil sehingga hanya menjadi kegiatan penggugur kewajiban dosen. Beliau berpendapat bahwa kegiatan pengabdian yang ideal berasal dari deseminasi hasil riset Perguruan Tinggi. Dengan demikian, konsep HILIRISASI paling tepat digunakan untuk menemukan antara permintaan dan persediaan dari inovasi teknologi yang dapat bermanfaat bagi Masyarakat.

5. Materi Presentasi (terlampir)



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PENGABDIAN MASYARAKAT SEBAGAI PILAR KARIER AKADEMIK MENUJU KENAIKAN JABATAN FUNGSIONAL DOSEN

Prof. apt. Muchtaridi, Ph.D.

**Fakultas Farmasi
Universitas Padjadjaran**

From West Java for Indonesia to the World through SDGs <http://www.iandeweerd.com> www.unpad.ac.id

MENGAPA DOSEN MELAKSANAKAN PPM



Pasal 20 Ayat (2) UU Nomor 20 Tahun 2003 tentang Sisdiknas : PT berkewajiban **menyelenggarakan** Tridharma PT
Pasal 60 huruf a UU Nomor 14



Tahun 2005 tentang Guru dan Dosen : dalam melaksanakan tugas keprofesionalan, dosen berkewajiban **melaksanakan** Tridharma.



pengabdian kepada masyarakat memiliki **posisi yang sama penting** dengan dua dharma lainnya, yaitu pendidikan dan penelitian.

PENGABDIAN PADA MASYARAKAT





PENGABDIAN MASA LALU



Pengertian pengabdian

- Bantuan masyarakat kecil
- Tanpa pamrih
- Masyarakat sebagai obyek

Kegiatan tanpa biaya

- Penyuluhan
- Pelatihan
- Pembangunan fisik

Pendanaan yang tersedia

- Pendanaan terbatas
- Bukan investasi produktif

Insentif kum kecil

- Sekedar menggugurkan kewajiban
- Kurangnya penghargaan



PENGABDIAN MASA KINI



Masyarakat sebagai mitra pembangunan



Sinergi berkelanjutan antar program



Insentif publikasi dan penerbitan



Dana Investasi Jangka Panjang



Gabungan inovasi IPTEK strategis



Peluang bagi mitra untuk investasi



PENGABDIAN MASA DEPAN



Pendukung kemandirian bangsa

Deseminasi hasil riset PT

Sinergi implementasi Tri Dharma

Implementasi melalui berbagai kegiatan PPM

Peluang kerjasama Nasional/Internasional



PRINSIP DASAR DALAM PENGABDIAN KEPADA MASYARAKAT

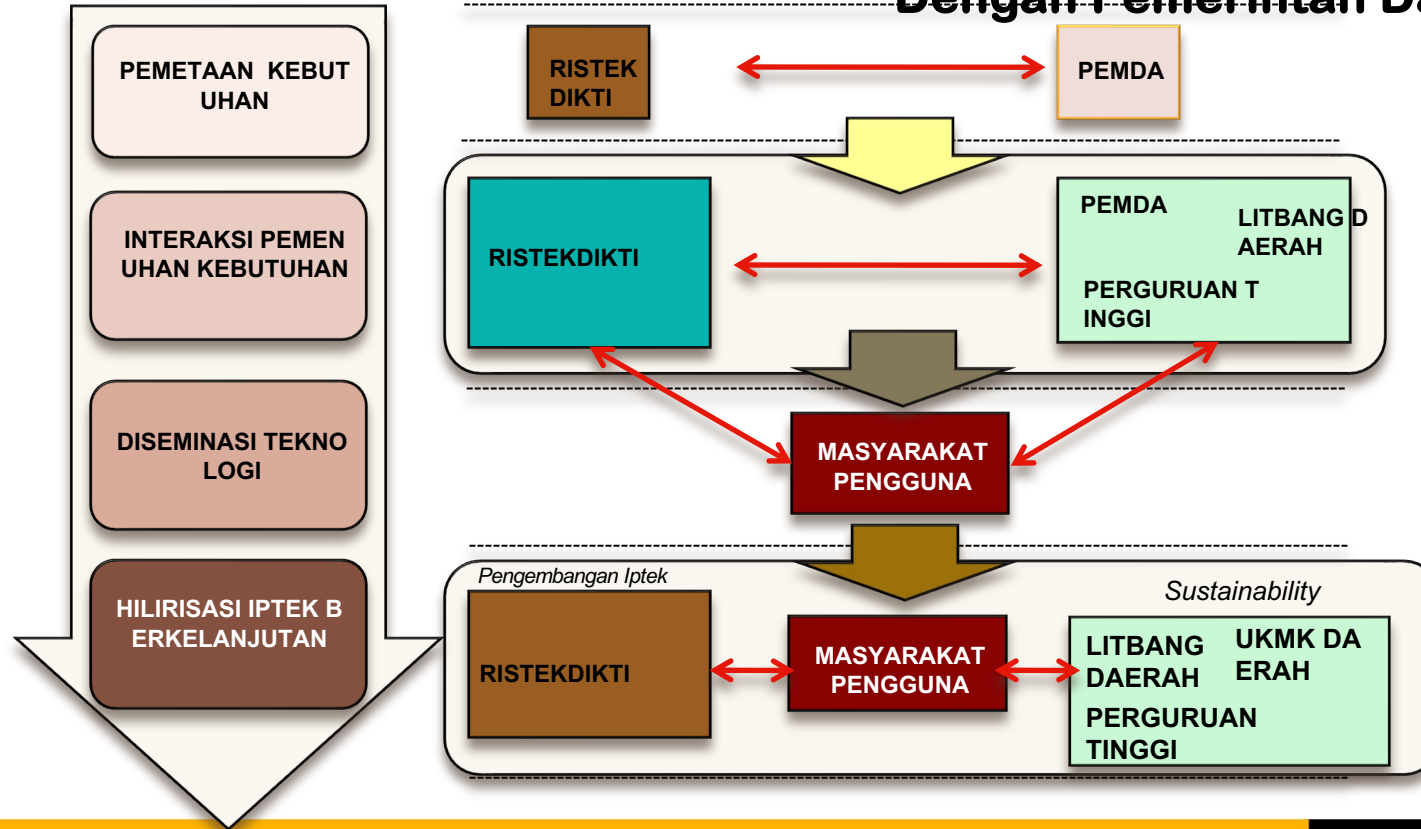
1. Berbasis kewilayahan
2. Berbasis hasil Riset
3. Berdasarkan permasalahan, kebutuhan atau tantangan di masyarakat
4. Sinergi, multi disiplin, dan bermitra
5. Kegiatan terstruktur, target luaran jelas dan dapat diukur
6. Berkelanjutan, tuntas, dan bermakna





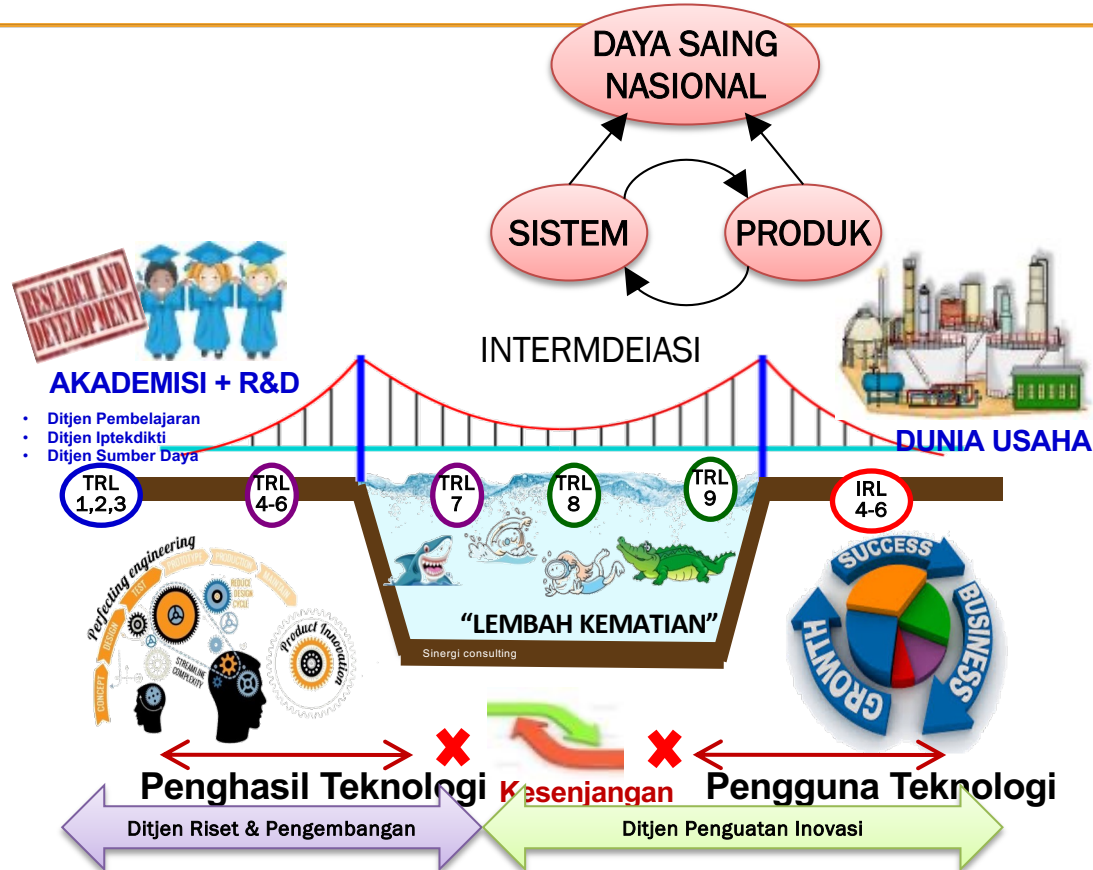
KONSEP SINERGI

Pengabdian Kepada Masyarakat Dengan Pemerintah Daerah





HILIRISASI Mempertemukan “SUPPLY” dan “DEMAND” dalam Inovasi dan Teknologi



INDIKATOR KINERJA PENGABDIAN KEPADA MASYARAKAT

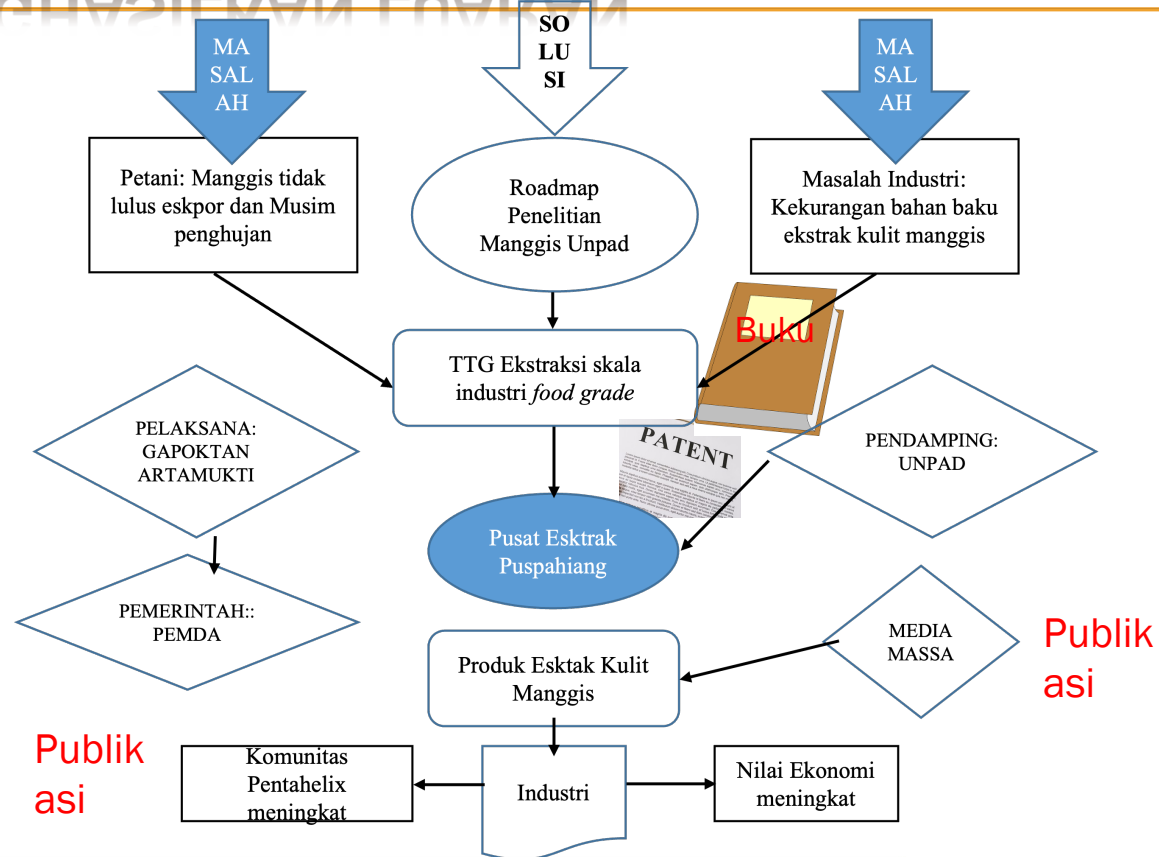


No	Jenis Luaran	Indikator Capaian
1	Publikasi di jurnal ilmiah cetak atau elektronik	Artikel di Jurnal Internasional,
2	Artikel ilmiah dimuat di prosiding cetak atau elektronik	Internasional, nasional, lokal
3	Artikel di media masa cetak atau elektronik	Nasional, lokal
4	Dokumentasi pelaksanaan	Video kegiatan
5	(Keynote Speaker/Invited) dalam temu ilmiah	Internasional, nasional, lokal
6	Pembicara tamu (Visiting Lecturer)	Internasional
7	HKI	Paten
8	Teknologi Tepat Guna	
9	Model/Purwarupa/Desain/Karya seni/ Rekayasa Sosial	
10	Buku	Buku ber ISBN
11	Bahan ajar	Buku ber ISBN
12	Mitra Non Produktif Ekonomi	Pengetahuannya , keterampilan, kesehatan, pendapatan, pelayanan meningkat
13	Mitra Produktif Ekonomi/Perguruan Tinggi	Pengetahuannya , keterampilan, meningkat Kualitas , jumlah, jenis produknya, kapasitas produksi meningkat Berhasil melakukan ekspor , pemasaran antar pulau Jumlah Aset, omset , tenaga kerja, kemampuan manajemen meningkat Keuntungan meningkat , Income generating PT meningkat Produk tersertifikasi, terstandarisasi, usaha berbadan hukum Jumlah wirausaha baru mandiri
14	Angka partisipasi dosen*	



STRATEGI MENGHASILKAN LUARAN

1. Buat skema





STRATEGI MENGHASILKAN LUARAN

2. Buat tim: Rekrut Mahasiswa dan Dosen Muda Lainnya





STRATEGI MENGHASILKAN LUARAN

3. Buat story line kerja

The screenshot displays a Trello board for 'PPM Manggis' with a workflow for creating a video and social media content. The board is organized into six columns, each representing a different stage or type of activity:

- Aktivitas:** Contains cards for '04/07/21 Pembekalan DPL 1' and '10/7/21 Pelepasan KKN Virtual Integratif'.
- BUKU:** Contains cards for 'Diskusi Penyusunan Bab buku' and 'Penyusunan BAB buku'.
- VIDEO:** Contains cards for 'Survey kepada 5 orang terkait konten video terkait dengan tema besar yaitu "cara-cara isolasi mandiri"', 'Buat account Tiktok', 'Pembuatan storyline per video', 'Shoot video scene', and 'Penyebaran konten (like, comment, follow)'.
- JURNAL:** Contains cards for 'Contoh Kuesioner', 'Pembuatan Pertanyaan Kuesioner', 'Diskusi Pembuatan Kuesioner', and 'Diskusi Revisi Kuesioner'.
- WEBINAR:** Contains cards for 'Pembuatan timeline webinar', 'Diskusi acara webinar', 'Minta CV Pembicara', 'Undangan Pembicara Webinar', and 'Buat Cue Card MC'.
- INSTAGRAM:** Contains cards for 'Menyiapkan materi', 'Mendesain Foto Profil Instagram dan Tiktok', and a card with a diagram showing the flow of content creation.

Each card includes a title, a date, and a progress indicator (e.g., '5/8', '6/8'). The board also features a top navigation bar with tabs for 'Automation', 'Power-Ups', 'Filter', and 'Share'.



LUARAN PPM

MANGGIS

sebagai

PENCEGAH KANKER PAYUDARA



SURAT PENCATATAN CIPTAAN

Dalam rangka perlindungan ciptaan di bidang ilmu pengetahuan, seni dan sastra berdasarkan Undang-Undang Nomor 28 Tahun 2014 tentang Hak Cipta, dengan ini menerangkan:

Nomor dan tanggal permohonan	: EC002019S2528, 28 Agustus 2019
Pencipta	
Nama	: Luthfi Utami Setyawati, Rida Rahmi Islamiyati dkk
Alamat	: Jl. Raya Jatnangor KM 21.5 Bandung-Sumedang, Sumedang, JAWA BARAT, 45363
Kewarganegaraan	: Malaysia
Pemegang Hak Cipta	
Nama	: Luthfi Utami Setyawati, Muchtaridi Muchtaridi dkk
Alamat	: Jl. Raya Jatnangor KM 21.5 Bandung-Sumedang, Sumedang, JAWA BARAT, 45363
Kewarganegaraan	: Indonesia
Jenis Ciptaan	: Buku
Judul Ciptaan	: Manggis Sebagai Pencegah Kanker Payudara

Lampiran 2. Draft PATEN (HKI)

KET. DESKRIPSI PAKET

Deskripsi

Teknik Produksi Isolat α -mangostin dan gartanin dari Kulit Buah Manggis (Garcinia mangostana L.)

Bidang Teknik Invenisi

Invenisi ini berhubungan dengan metode isolasi senyawa aktif yang potensial dari kulit buah manggis (*G. mangostana*)

Jurnal Pengabdian kepada Masyarakat

(Indonesian Journal of Community Engagement)

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2 (2019) > Muchtaridi

an Sosio-Ekonomi Potensi Daerah sebagai Pusat Ekstrak Kulit Ji Indonesia

/10.221146/jpkm.33388

taridi^{1*}, Wiwit Nurhidayah², Dini Rochdiani³, Luthfi U Setyawati⁴, Rida R Islamiyati⁵, Arif Budiman⁶, Ward Ali

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² Pharmaceutical Analysis and Medicinal Chemistry, Faculty of Pharmacy, Universitas Padjadjaran, Jl. Raya Jatnangor KM medang, 45363.

³ Agrotechnology, Faculty of Agriculture, Universitas Padjadjaran, Jl. Raya Jatnangor KM 21.5 Bandung-Sumedang.

⁴ Pharmaceutical Analysis and Medicinal Chemistry, Faculty of Pharmacy, Universitas Padjadjaran, Jl. Raya Jatnangor KM



9 772680 260000
e-ISSN : 2686-2506

Majalah Farmasetika, 5 (2) 2020, 57-63
<https://doi.org/10.24198/mfarmasetika.v5i2.26393>



Pemanfaatan Manggis Sebagai Sediaan Antiseptik dalam Upaya Peningkatan Kesehatan Masyarakat di Desa Sayang, Jatnangor, Sumedang

Nasrul Wathoni^{1*}, Norisca Aliza Putri¹, Arief Cahyanto², Muchtaridi³

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²Departemen Ilmu Teknologi dan Material Kedokteran Gigi Fakultas Kedokteran Gigi, Universitas Padjadjaran,

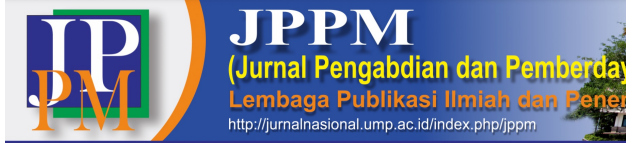
³Departemen Analisis Farmasi dan Kimia Medisinal, Fakultas Farmasi, Universitas Padjadjaran,

*E-mail : nasrul@unpad.ac.id

(Submit 12/2/2020, Revisi 12/2/2020, Diterima 13/2/2020)

Abstrak

Kuliah Kerja Nyata Mahasiswa (KKNM) merupakan suatu bentuk pengabdian mahasiswa kepada masyarakat, yang mana mahasiswa mengaplikasikan apa yang sudah dipelajari selama kuliah ke masyarakat.



Home / VOL. 5 NOMOR 2 SEPTEMBER 2021 JPPM (Jurnal Pengabdian dan Pemberdayaan Masyarakat) / Muchtaridi

PROMOSI PREVENTIF SADARI (PERIKSA PAYUDARA SENDIRI) DI DESA SAYANG SEBAGAI UPAYA PENCEGAHAN KANKER PAYUDARA

Muchtaridi Muchtaridi, Eli Halimah, Nasrul Wathoni

Abstract

Menurut Data Globocan, International Agency for Research on Cancer (IARC) pada tahun 2018, kanker payudara merupakan salah satu jenis kanker yang mempunyai prevalensi cukup tinggi dan penyebab utama kedua mortalitas di seluruh dunia sebesar 11,6% atau 2.089.349 jiwa dan morbiditas menempati urutan ke-5 sebesar 6,6% atau 627.000 jiwa. Di Indonesia angka mortalitas kanker payudara menempati peringkat pertama sebesar 16,7% atau 58.256 jiwa dan angka morbiditas sebesar 11% atau 22.692 jiwa. SADARI adalah pemeriksaan payudara yang dilakukan kita sendiri dengan dengan belati mandiri yaitu melihat dan memeriksa perubahan payudara sendiri setiap bulan. Pemeriksaan yang dilakukan secara berkala akan dapat



Langkah dan Strategi Dalam Penulisan Karya Ilmiah





A WORD ABOUT THE WRITING PROCESS

- ✗ Menulis merupakan suatu proses
- ✗ Ada berbagai macam proses; Pilih satu (atau lebih) yang sesuai dengan kondisi anda
- ✗ Handout - generic “Writing Process”
 - + Stage 1: Prewriting
 - + Stage 2: Drafting
 - + Stage 3: Revising
 - + Stage 4: Editing
 - + Stage 5: Publishing (submitting, presenting)



RULES FOR ALL WRITING (NAG, NAG, NAG)

Always take the time to :

- ✗ brainstorming (to test the readiness, use of data ridiculous if necessary)
- ✗ Stop and immediately write down if obtaining new ideas
- ✗ Make an outline and / or organize
- ✗ Take time for editing or additions
- ✗ Rethinking your answers:

To improve your writing

- Read as much as a good article
- Thinking actively: **Challenge your mind with new ideas.**
- Write up!. Do it without hesitation, and repeat as many times as possible by doing something that you interest so that it will be able to improve your skills in writing.*

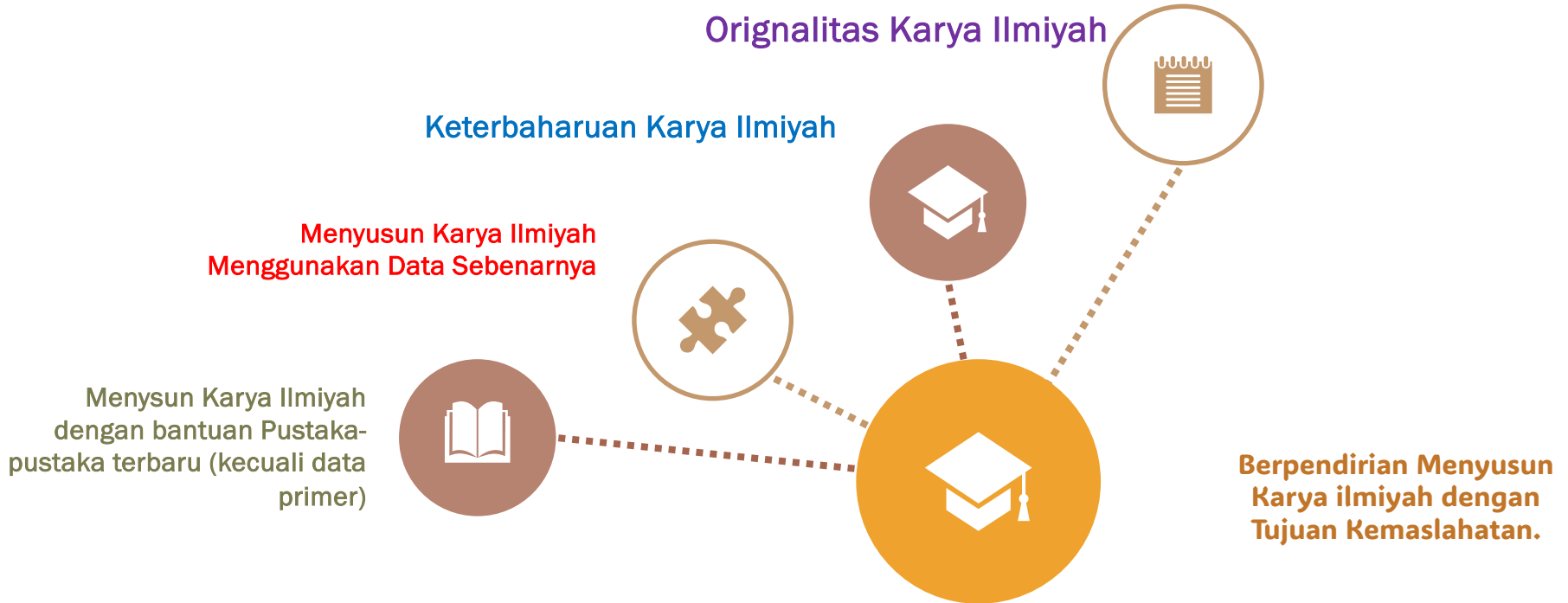


Three secrets to successful essay writing

- **Start as early as possible**
- **For writing material**
 - follow the steps
 - For those into sub-phases if necessary
- **Take the time to write the manuscript corrections**



Hal yang Perlu Diperhatikan Dalam Penulisan Karya Ilmiah





Strategi Penulisan



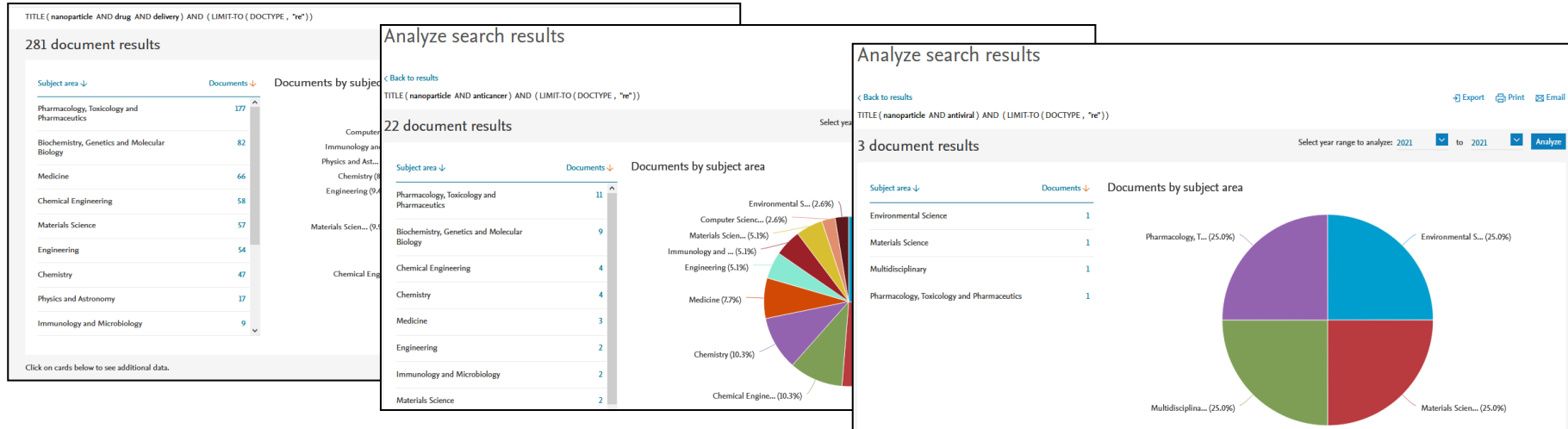
Penetapan judul

1. Membuat list rencana Tema Karya Ilmiah 3. Menetapkan dan Membuat Judul yang "Powerfull"

- Nanoparticle Drug Delivery
- Nanoparticle Drug Delivery System for Anticancer Drugs
- Nanoparticle Drug Delivery System for Antiviral Drugs

- Nanoparticle Drug Delivery System for Antiviral Drugs
- Nanoparticle Drug Delivery System Improve Effectivity of Antiviral Drugs
- Antiviral Drugs Loaded Nanoparticle Drug Delivery System
- Nanoparticle as a Compromising carrier for Antiviral Drugs

2. Melakukan kajian Novelty (Keterbaharuan)



Membuat “Mind Mapping” and “Storyline”



Judul	Nanoparticle Drug Delivery System for Antiviral Drugs
Kata Kunci	Nanoparticle, Drug Delivery, Antiviral
Ringkasan	Background, Aims of study, Findings, Conclusion
Pendahuluan	Problem, Solver, 2 nd Problem, 2 nd Solver, Highlight Subject, Highlight limit, Reason, Study Objective
BAB Pembuka	3. Viruses
Dan Sub BAB	3.1. Definition
	3.2. Virus Classification
	3.3. Virus Life Cycle
	4. Antiviral Drugs
	4.1. Anti Non-Retroviral Drugs
	Table 1. Antiviral Non Retrovirus Drugs
	4.2. Antiretroviral Drugs
	Table 1. Antiviral Non Retrovirus Drugs
	5. Nanoparticle Drug Delivery System
	Figure 1. Nanoparticle Drug Delivery System
	5.1. Curent Formulation of Nanoparticle Drug Delivery System
	Table 3. Curent Formulation of Nanopaticle Drug Delivery System
BAB Inti	6. Nanoparticle Drug Delivery System for Antiviral Drugs
	6.1. Nanoparticle Drug Delivery System for Antiviral Non-Retrovirus Drugs
	Table 4. Nanoparticle Drug Delivery System for Antiviral Non-Retrovirus Drugs
	6.2. Nanoparticle Drug Delivery System for Antiretroviral Drugs
	Table 5. Nanoparticle Drug Delivery System for Anti Retroviral Drugs
Perspektif Penulis	7. Author Perspective
Kesimpulan	8. Conclusion
Daftar Pustaka	References



Mengumpulan Literatur Berdasarkan Data Base

Google Scholar

Pubmed/NCBI

Scopus/Science Direct

The screenshot displays a search results interface. On the left, a 'Refine results' sidebar contains various filters. Two filters are circled in brown: 'Open Access' (with sub-options: All Open Access (47), Gold (26), Hybrid Gold (4), Bronze (9), Green (36)) and 'Document type' (with options: Article (92), Review (8), Conference Paper (5), Book Chapter (3)).

The main results area shows a table of documents. Two documents are circled in brown:

Document title	Authors	Year	Source	Cited by
Development of nanoparticle-delivery systems for antiviral agents: A review <i>Open Access</i>	Delshadi, R., Bahrami, A., McClements, D.J., Moore, M.D., Williams, L.	2021	Journal of Controlled Release 331, pp. 30-44	0
Nanoparticles as antimicrobial and antiviral agents: A literature-based perspective study <i>Open Access</i>	Sharmin, S., Rahaman, M.M., Sarkar, C., (...), Islam, M.T., Adeyemi, O.S.	2021	Heliyon 7(3),e06456	0

At the bottom of the page, a snippet of text is visible: 'ivermectin: an award-winning drug with expected antiviral activity against'.



Membuat Time line dan Menulis Karya Ilmiah

Judul	Nanoparticle Drug Delivery System for Antiviral Drugs
Ringkasan	Background, Aims of study, Findings, Conclusion
Pendahuluan	Problem, Solver, 2 nd Problem, 2 nd Solver, Highlight Subject, Highlight limit, Reason, Study Objective
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	4.2. Antiretroviral Drugs
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	Table 4. Nanoparticle Drug Delivery System for Antiviral Non-Retrovirus Drugs
	6.2. Nanoparticle Drug Delivery System for Antiretroviral Drugs
	Table 5. Nanoparticle Drug Delivery System for Anti Retroviral Drugs
Perspektif Penulis	7. Author Perspective
Kesimpulan	8. Conclusion
	References



Membuat Pustaka Menggunakan Referensi Manager

Zotero



Mendeley



Endnote



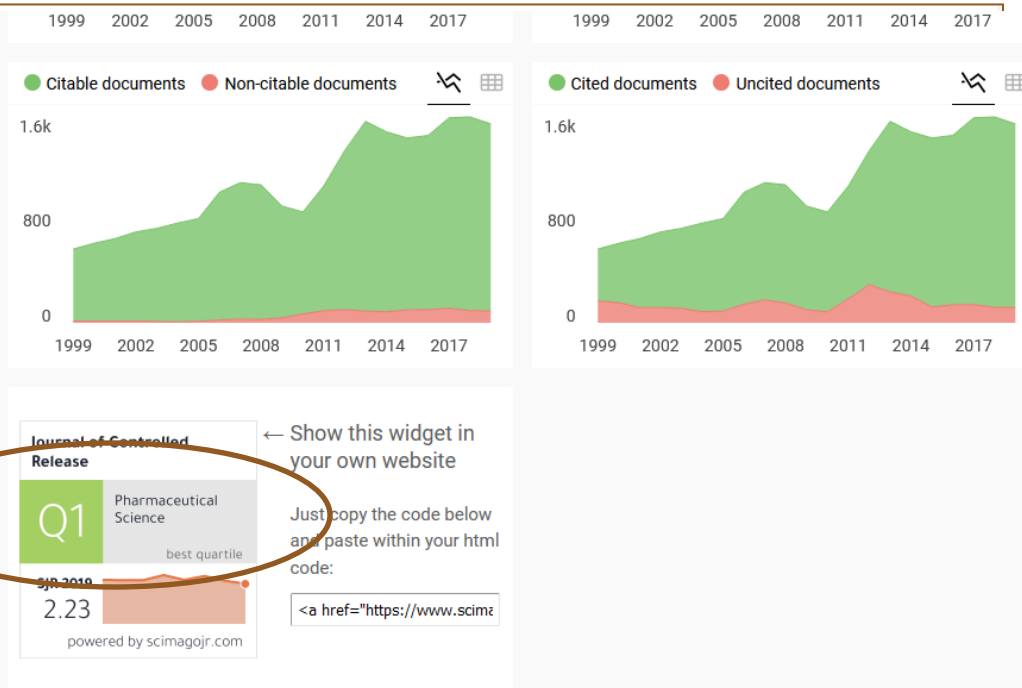
Menetapkan Penerbit Buku



Untuk Karya Ilmiah Berupa Artikel Review, dapat Melanjutkan Proses Hingga Ke Pemilihan Journal Publisher

Scopus

Scimago





Menyesuaikan Karya Ilmiah dengan Instruksi Penulisan



5

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Automatic Zoom



To avoid unnecessary errors you are strongly advised to use the 'spell-check' and 'grammar-check' functions of your word processor.

Article structure

Introduction

State the objectives of the work and provide an adequate background, avoiding a detailed literature survey or a summary of the results.

Material and methods

Provide sufficient details to allow the work to be reproduced by an independent researcher. Methods that are already published should be summarized, and indicated by a reference. If quoting directly from a previously published method, use quotation marks and also cite the source. Any modifications to existing methods should also be described.

Results

Results should be clear and concise.

Discussion

This should explore the significance of the results of the work, not repeat them. A combined Results and Discussion section is often appropriate. Avoid extensive citations and discussion of published literature.

Conclusions

The main conclusions of the study may be presented in a short Conclusions section, which may stand alone or form a subsection of a Discussion or Results and Discussion section.

Essential title page information

- **Title.** Concise and informative. Titles are often used in information-retrieval systems. Avoid abbreviations and formulae where possible.
- **Author names and affiliations.** Please clearly indicate the given name(s) and family name(s) of each author and check that all names are accurately spelled. You can add your name between parentheses in your own script behind the English transliteration. Present the authors' affiliation

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MANUSKRIP BERKUALITAS DAN KUAT

- ✘ Eksperimen (metode) dan Data yang Solid
- ✘ Pesannya jelas, berguna, dan menarik (kebaruan)
- ✘ Konstruksi dan presentasinya logis dan Kesimpulan menjawab tujuan
- ✘ Mudah untuk dibaca Editor dan Reviewer



journal homepage: www.heliyon.com

Characterization and antioxidant activity of pectin from Indonesian mangosteen (*Garcinia mangostana* L.) rind



Nasrul Wathoni^{a,*}, Chu Yuan Shan^a, Wong Yi Shan^a, Tina Rostinawati^b, Raden Bayu Indradi^b, Rimadani Pratiwi^c, Muchtaridi Muchtaridi^c

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I=keunggulan
M=kekinian
O=Berguna nyata
RAD=Mudah dibaca

ABSTRACT

IMORAD

Pectin, a natural polysaccharide, has gained increasing attention due to not only its biomaterial properties but also its biomedical activities. One of the abundant sources of pectin is mangosteen (*Garcinia mangostana* L.) rind. In this study, we characterized the pectin from Indonesian mangosteen rind extract and evaluated its antioxidant activity. Pectin was extracted in acid condition and evaluated its physicochemical properties by Fourier transform infrared (FTIR), powder X-ray diffractometer (PXRD), water content, ash content, equivalent weight, methoxyl level and of galacturonic acid content. Furthermore, the antioxidant activity of pectin was also observed by 2,2'-diphenyl-1-picrylhydrazyl (DPPH) method. Pectin was successfully extracted from dry weight of Indonesian mangosteen rind with yield about $1.16 \pm 0.17\%$, fine powder, brownish and odorless. FTIR and PXRD results showed that pectin from mangosteen rind extract was amorphous and similar characteristic with a commercial pectin. The chemical properties of pectin such as water content, ash content, equivalent weight, methoxyl level and of galacturonic acid level were $9.85 \pm 0.12\%$, $3.91 \pm 0.17\%$, 6330.76 ± 220.43 g/mol, $2.86 \pm 0.05\%$ and $75.98 \pm 0.88\%$, respectively. In addition, pectin showed an antioxidant activity with the IC_{50} about 161.94 ± 31.57 ppm. These results suggest that pectin from Indonesian mangosteen rind has the potential properties as biopolymers for biomedical applications with a low-methylated pectin and a moderate antioxidant activity.



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- ✕ Eksperimen (metode) dan Data yang Solid
- ✕ Pesannya jelas, berguna, dan menarik (kebaruan)
- ✕ Konstruksi dan presentasinya logis dan Kesimpulan menjawab tujuan
- ✕ Mudah untuk dibaca Editor dan Reviewer

Manuscript Status (3)

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Manuscript:	Cytotoxicity of Chalcone of Eugenia aquea Burm f. Leaves against T47D Breast Cancer Cell Lines and Its Prediction as an Estrogen Receptor Antagonist Based on Pharmacophore-Molecular Dynamics Simulation
Journal:	Advances and Applications in Bioinformatics and Chemistry
Sub ID:	217205
Submit Date:	26/May/2019
Status:	3B - REPORT: ACCEPT WITH CHANGES THE EDITORIAL TEAM WILL BE IN TOUCH WITH YOU SHORTLY
Status Last Updated:	3/Sep/2019 Revision or View uploaded files

15. Do you think that the manuscript requires its English grammar, punctuation or spelling to be corrected?

Yes

Recommendations to the Editor

Evaluation

This study aims to evaluate the cytotoxicity of Chalcone on the T47D cell lines using the 2-(4-iodophenyl)-3-(4-nitrophenyl)-5-(2,4-disulfonylphenyl)-2H-tetrazolium (WST) method and to predict its possible antagonistic activity on the human estrogen receptor alpha (hERα) using pharmacophore and molecular dynamics (MD) methods. Moreover, the in vitro test of ten synthesized Chalcone derivatives was performed.

The study can provide advances in the field but it needs a revision and the adding of few experiments to verify if Chalcone of Eugenia aquea Burm f. Leaves interacts really with Estrogen Receptor.

Major concern:

The authors must test if this molecule has a direct effect only on estrogen-responsive breast cancer cells or if it has effects also on non-estrogen responsive breast cancer cells such as SKBR3, MDAMB231, MDAMB468 or others.

In this moment this paper is speculative and is not clear if it can have a clinical impact to block breast cancer proliferation and progression.



REFERENSI UP DATE

- ✕ 5 Tahun terakhir >60 %, 10 tahun terakhir 90 %
- ✕ Semua Pustaka Primer
- ✕ Relevan : Topik dan Statements
- ✕ Published & Accessible
- ✕ Jumlah (Proporsional)
- ✕ Sitasi peneliti yg paling terkenal di bidangnya

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Received: 21 August 2017; Accepted: 15 October 2017; Published: 16 October 2017

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OPEN ACCESS
International Journal of
Molecular Sciences
ISSN 1422-0067
www.mdpi.com/journal/ijms

Article

Potential Activity of Fevicordin-A from *Phaleria macrocarpa* (Scheff) Boerl. Seeds as Estrogen Receptor Antagonist Based on Cytotoxicity and Molecular Modelling Studies

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JANGAN SEPELEKAN HAL KECIL

- ✗ Mahasiswa yg terlibat, Plagiarisme, No. Pendanaan, Acknowledgments, Contributor

Author contribution statement

Nasrul Wathoni: Conceived and designed the experiments; Analyzed and interpreted the data; Contributed reagents, materials, analysis tools or data; Wrote the paper.

Chu Yuan Shan & Wong Yi Shan: Performed the experiments; Analyzed and interpreted the data.

Tina Rostinawati, Raden Bayu Indradi, Rimadani Pratiwi & Muchtaridi Muchtaridi: Analyzed and interpreted the data; Wrote the paper.

Funding statement

This work was supported by Academic Leadership Grants (ALG) 2019, Universitas Padjadjaran (1373b/UN6.O/LT/2019).