

Prof. Dr. Desi Harneti Putri Huspa

Bandung, 11 April 1974
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HOMEBASE : DOCTORAL PROGRAMME OF CHEMISTRY UNPAD
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Work Experience

Education

Fundamental Chemistry Lecturer
1998-present
Organic Chemistry Lecturer
2003 - present
Elucidation Structure of Organic Molecule
2011 - present
Natural Products Chemistry Lecturer
2011 -present
Supervision of students S1 = 50; S2 = 12 ;
S3 = 8 orang

Research

Head of 16 Projects of Research
2009-2024 (Hibah Bersaing, Andalan,
PUPT, Stranas, WCP, RKDU, PDUPT,
PMDSU, PTM, PKP)

Community Service

Education for public activities : The roles
of natural products for human being.

Managerial Experience

- Vice Dean 2 FMIPA Unpad; 2021-2026
- Head of Chemistry Dept; 2019-2021
- Head of Organic Laboratory; 2018-2019
- Secretary of Chemistry Dept. ; 2016-2018
- Bidang Keputrian BEM FMIPA; 1993-1994
- Sekretaris DKM Baitul Hikmah FMIPA; 1994
- Bidang Pendidikan Himaka; 1993

Educational Background

Universitas Padjadjaran

FMIPA
Bachelor of Chemistry, 1996
Prof. Ponis Tarigan
Cum Laude

Institut Teknologi Bandung

FMIPA
Magister of Chemistry (Organic), 2003
Prof. Dr. Yana Maolana Syah
Cum Laude

Universitas Padjadjaran

FMIPA
Doctoral of Chemistry (Organic), 2010
Prof. Dr. Roekmi-ati, Prof. Anas
Subarnas, Prof. Dr. Unang Supratman
Cum Laude

International Activities

- Research for Doctoral Program;
University of Malaya; Prof. Khalijah
Awang; 2010
- Curriculum RSC Benchmarking;
Melbourne Univ, La Trobe Univ; Monash
Univ; Australia; 2018
- NMR measurement; Yamaghata
University; Prof. Yoshihito Shiono; 2018
- NMR measurement; University Sains
Malaysia; Dr. Mohammad Azmi; 2020
- iHiLead Training Leadership by
Erasmus+; Granada Spanyol; 2022

Publications in International Journal-Scopus index (last 5 years)

No; Title of article; Journal; / Volume / No./ Year; Notes

- The isolation of novel pregnane steroids from *Aglaia pachyphylla* Miq. and the cytotoxicity against breast cancer cell lines (MCF-7); RSC Advance., 2024, 14, 25042–25047
- Alliaceumolide A: A rare undescribed 17-membered macrolide from Indonesian *Dysoxylum alliaceum*, *Phytochemistry Letters*, 2024, 62, pp. 73–77.
- Four Azadirone-Type Limonoids from *Chisocheton Pentandrus* Stem Bark and Their Cytotoxic Activity Against MCF-7 Breast Cancer Cell Lines, *Molekul*, 2024, 19(2), pp. 360–367
- Paraxylines A-G: Highly oxygenated preurianin-type limonoids with immunomodulatory TLR4 and cytotoxic activities from the stem bark of *Dysoxylum parasiticum*, *Phytochemistry*, 2024, 220, 114009
- Synthesis, biological activities, and evaluation molecular docking-dynamics studies of new phenylisoxazole quinoxalin-2-amine hybrids as potential α -amylase and α -glucosidase inhibitors, *RSC Advances*, 2024, 14(11), pp. 7684–7698.
- Synthesis and anticancer evaluation of [d-Ala]-nocardiotide A, *RSC Advances*, 2024, 14(6), pp. 4097–4104
- Chemical constituents of *Lasiodiplodia theobromae* BPPCA 144, an endophytic fungus, isolated from *Aglaia argentea* Blume, *Journal of Biologically Active Products from Nature*, 2024, 14(4), pp. 443–454
- Sesquiterpenoids from The Stem Bark of *Aglaia cucullata* (Meliaceae) and Their Cytotoxic Activity Against A549 Lung Cancer Cell Lines, *Molekul*, 2024, 19(2), pp. 242–249
- Excelxylin A: a new seco A-ring tirucallane triterpenoid from the stem bark of *Dysoxylum excelsum*, *Journal of Asian Natural Products Research*, 2024, 26(7), pp. 843–849
- Steroid Compounds of *Manihot Esculenta* Crantz Var. Sao Pedro Petro (Tuber) and Their Cytotoxic Effects on Melanoma Cancer Cells (B16-F10), *Trends in Sciences*, 2024, 21(4), 7591
- Sesquiterpenoids from the stem bark of *Aglaia pachyphylla* Miq (Meliaceae) and cytotoxic activity against MCF-7 Cancer Cell Line; *Jurnal Valensi*, 9(2), 300-305, 2023.
- Pentandricines F-H, cytotoxic limonoids from the stem bark of *Chisocheton pentandrus* (Blanco) Merr.; *Phytochemistry Letter* / 54 / 119-24 / 2023; Q2-first & corresponding author
- *Phytochemistry and Biological Activities of Guarea* Genus Meliaceae; *Molecules* / 27 / 8758 / 2022; Q1-Corresponding author
- Sesquiterpenoids from the Stem Bark of *Aglaia grandis*; *Natural Product Sciences* / 28 / 1 / 2022; Q3-first author
- *Phytochemistry and biological activities of Aglaia species*; *Phytochemistry* / 181 / 2021; Q1-first author
- Sesquiterpenoids and sesquiterpenoid dimers from the stem bark of *Dysoxylum parasiticum* osbeck kosterm; *Phytochemistry* / 205 / 113477 / 2023; Q1- co-author
- Triterpenoids from *Lansium domesticum* Corr cv. piedjietan Meliaceae and their Antifeedant Activity against *Epilachna vigintioctopunctata* Larvae; *Research Journal of Chemistry and Environment* / 27 / 2 / 2023; Q4- co-author
- Dammarane-Type Triterpenoid from the Stem Bark of *Aglaia elliptica* Meliaceae and Its Cytotoxic Activities; *Molecules* / 27 / 6757 / 2022; Q1- co-author;
- New dammarane-type triterpenoids from *Aglaia elliptica* C.DC. blume; *Natural Product Research* / 2022 / <https://doi.org/10.1080/14786419.2022.2114472>; Q2- co-author

- Total synthesis and antimicrobial evaluation of xylapeptide A; *Journal of Heterocyclic Chemistry* / 1-8 / 2022; Q3- co-author
- Sesquiterpenoids from Stem Bark of *Chisocheton lasiocarpus* and Their Cytotoxic Activity against MCF-7 Breast Cancer Cell; *Molekul* / 17 / 3 / 2022 ; Q4- co-author
- Tirucallane-type triterpenoid from the stem bark of *Chisocheton lasiocarpus* and its cytotoxic activity against MCF-7 breast cancer cells; *Journal of Asian Natural Products Research* / 2022; Q4- co-author
- New Ergostane-Type Sterol Produced by an Endophytic Fungus *Fusarium phaseoli* Isolated from *Chisocheton macrophyllus* Meliaceae; *Records of Natural Products* / 2022; Q2-co-author
- Triterpenoids from Stem Bark of *Dysoxylum excelsum* and Their Cytotoxic Activity against MCF-7 Breast Cancer Cells; *Indonesian Journal of Chemistry* / 22 / 4 / 2022; Q3-co-author
- Sesquiterpenoids from the Stem Bark of *Lansium domesticum* Corr. Cv. Kokossan and Their Cytotoxic Activity against MCF-7 Breast Cancer Cell Lines; *Indonesian Journal of Chemistry* / 22 / 4/ 2022; Q3-co-author
- Total Synthesis of a Reversed-Bacicyclin Using a Combination of Solid- and Solution-Phase Methods; *Indonesian Journal of Chemistry* / 22 / 4 / 2022; Q3-co-author
- Terpenoids from The Stem bark of *Aglaia elaeagnoidea* and Their Cytotoxic Activity against HeLa and DU145 Cancer Cell lines; *Molekul* / 17 / 1 / 2022; Q4-co-author
- Total synthesis of a reversed cycloporpuracin using a combination of solid and solution phase methods; *Journal of Heterocyclic Chemistry* / 1-8 / 2022; Q3-co-author
- Limonoids from the fruits of *Chisocheton lasiocarpus* Meliaceae; *Journal of Asian Natural Products Research* / <https://doi.org/10.1080/10286020.2022.2032678> / 2022; Q2-co-author
- Cytotoxic sesquiterpenoids from *Dysoxylum parasiticum* Osbeck Kosterm. stem bark; *Phytochemistry Letters* / 47 / 102-106 / 2022; Q2- Penulis pendamping
- The 23-epoxy naphthoquinol produced by endophyte *Arthrinium marii* M-211; *Natural Product Research* / <https://doi.org/10.1080/14786419.2021.1998899> / 2021; Q1-Penulis pendamping
- Cochlioquinone derivatives produced by coculture of endophytes *Clonostachys rosea* and *Nectria pseudotrichia*; *Fitoterapia* / 155 / 2021; Q2-Penulis pendamping
- Total Synthesis of Nocardiotide A by Using a Combination of Solid- and Solution-Phase Methods; *Chemistry Select* / 6, 12941 — 12946 / 2021; Q2-Penulis pendampin
- Sesquiterpenoids from the Stem Bark of *Aglaia simplicifolia* and Their Cytotoxic Activity against B16-F10 Melanoma Skin Cancer Cell; *Indonesian Journal of Chemistry* / 21 / 6 / 2021; Q3-Penulis pendamping
- Total synthesis of xylapeptide B Cyclo-L-Leu-L-Pro-N-Me- Phe-L-Val-D-Ala; *Journal of Heterocyclic Chemistry* / 1-6 / 2021; Q3-Penulis pendamping
- Resorcylic Acid Derivatives with Their Phytotoxic Activities from the Endophytic Fungus *Lasiodiplodia theobromae* in the Mangrove Plant *Xylocarpus granatul* *Chemistry and Biodiversity* / 18, e2000928 / 2022; Q2-Penulis pendamping
- Phytotoxic -resorcylic acid derivatives from the endophytic fungus *Lasiodiplodia theobromae* in the mangrove plant; *Phytochemistry Letters* / 44 / 1-6 / 2021; Q2-Penulis pendamping
- Two Limonoids from The Seeds of *Chisocheton Macrophyllus* and Their Cytotoxic Activity Against MCF-7 Breast Cancer Cells; *Molekul* / 16 / 2 / 2021; Q4-Penulis pendamping
- Four Flavan-3-ol Compounds from The Stem Bark of *Chisocheton balansae* C. DC. Meliaceae; *Molekul* / 16 / 1 / 2021; Q4-Penulis pendamping
- AN IMPROVED SYNTHESIS OF PENTAPEPTIDE SCAP1e USING SOLID-PHASE METHOD WITH REDUCED RESIN LOADING TIME; *Egyptian Journal of Chemistry* / 64 / 9 / 2021; Q3-Penulis pendamping

- Cytotoxic triterpenoids from *Chisocheton pentandrus*; *Phytochemistry* / 187 / 2021; Q1-Penulis pendamping
- Cytotoxic Constituents from the Stem Bark of *Chisocheton pentandrus*; *Natural Product Sciences* / 27 / 1 / 2021; Q3-Penulis pendamping
- A new havanensintype limonoid from *Chisocheton macrophyllus*; *Applied Biological Chemistry* / 64 / 35 / 2021; Q2- Penulis Pendamping
- Synthesis of cyclotetrapeptide analogues of c-PLAI and evaluation of their antimicrobial properties; *Royal Societi Open Science* / <https://doi.org/10.1098/rsos.201822> / 2021; Q1- Penulis Pendamping
- New cytotoxic limonoids from the stem bark of *Chisocheton pentandrus* (Blanco) Merr; *Phytochemistry Letters*, 35 : 63-67 / 2020; Q2- Penulis Pendamping
- New compounds from Japanese oak wilt disease-associated fungus *Raffaelea quercivore*; *Natural Products Research*, 1, 1-7 / 2020; Q2- Penulis Pendamping
- Computational study of the potential molecular target for antibreast cancer activity of limonoid derivatives from *chisocheton* sp; *Journal of Applied Pharmaceutical Science* Vol. 10(02), pp 007-012 / 2020; Q3- Penulis Pendamping;
- Synthesis of Antioxidant Peptide SCAP1 (Leu-Ala-Asn-Ala-Lys) ; *Egyptian Journal of Chemistry* Vol. 63, No. 3. pp. 921-926 / 2020; Q3- Penulis Pendamping
- Synthesis, Antioxidant Activity, and Structure—Activity Relationship of SCAP1 Analogues; *International Journal of Peptide Research and Therapeutics* / 2020; Q2- Penulis Pendamping
- Cytotoxic Sesquiterpenoids from the Stem Bark of *Aglaia harmsiana* (Meliaceae); *Indonesian Journal of Chemistry* / 2020; Q3- Penulis Pendamping
- A total synthesis of cyclodepsipeptide [Leu]⁶ -aureobasidin K using combination of solid- and solution-phase; *Current Chemistry Letters* / 2020; Q3- Penulis Pendamping
- (22E,24S)-24-Propylcholest-5en-3 α -acetate: A New Steroid from the Stembark *Aglaia angustifolia* (Miq.) (Meliaceae); *Molbank* / 2020; Q4- Penulis Pendamping
- New naphthoquinone derivatives from *Fusarium napiforme* of a mangrove plant; *Natural Products Research*, 1, 1-9 / 2019; Q2- Penulis Pendamping
- Cytotoxic Triterpenoids from the Bark of *Chisocheton patens* Blume (Meliaceae) ; *Phytochemistry Letters* / 2019; Q2- Penulis Pendamping
- New polyketides, paralactonic acids A—E produced by *Paraconiothyrium* sp. SW-B-1, an endophytic fungus associated with a seaweed, *Chondrus ocellatus* Holmes; *Fitoterapia* / 2019; Q2- Penulis Pendamping
- New Metabolites Produced by *Cylindrocarpon* sp. SY-39 from a Driftwood.; *Chemistry and Biodiversity* / 2018; Q2- Penulis Pendamping

- Cytotoxic Triterpenoids from theStembark of *Aglaia argentea*(Meliaceae); Indonesian Journal of Chemistry / 2018; Q3- Penulis Pendamping
- A new limonoid from stem bark of *Chisocheton pentandrus* (Meliaceae). ; Natural Product Research / 2018; Q2- Penulis Pendamping
- New Cytotoxic Pregnane-type Steroid from the Stem Bark of *Aglaia elliptica* (Meliaceae); Record of Natural Products / 2018; Q2- Penulis Pendamping

Jatinangor, November 2024

Regards,

A handwritten signature in black ink on a light blue background. The signature is stylized and appears to read 'Desi Harneti Putri Huspa'.

Prof. Dr. Desi Harneti Putri Huspa