

Dr. Idha Kusumawati, M.Si., Apt

Idha Kusumawati / 07 Maret 2017

Year	Education
1993	Bachelor of Science, S.Si., Pharmacognosy & Phytochemistry Department, Faculty of Pharmacy, Universitas Airlangga, Indonesia
1994	Apothecary, Apt., Faculty of Pharmacy, Universitas Airlangga, Indonesia
1997	Master of Science, M.Si., Faculty of Pharmacy, Universitas Airlangga, Indonesia
2010	Doctor, Dr., Faculty of Science and Technology, Universitas Airlangga, Indonesia

Courses

Pharmaceutical Botany, Pharmacognosy, Phytochemistry, Phytopharmacy, Pharmaceutical Manufactures I (PBL)

Research Interests

- Herbal Drug Development (Anti-aging, Analgesic-Anti-inflammatory, Afrodisiac, Immunomodulator, Photosensitizer, Woundhealing, Psoriasis)
- Drug Delivery System of Herbal Extract
- Analytical Development of Marker compound of Herbal Extract
- Preclinical Study of Herbal Extract
- Metabolite Profiling
- Multivariate Analysis and Design Experimental

Selected Publications

1.

Isnaeni, Agustin Maulidina, **Idha Kusumawati**, Erni Maduratna S. **2019**. Inhibitory activity of *Lactobacillus plantarum* ATCC 8014 fermented milk combined with aqueous extract of *Moringa oleifera* leaves against *Streptococcus mutans*, J. Research in Pharmacy/Marmara. Vol 23 (4), ISSN: 2630-6344
http://jrespharm.com/uploads/pdf/pdf_MPJ_718.pdf

2.

Idha Kusumawati, Kresma Oky Kurniawan, Subhan Rullyansyah, Tri Anggono Prijo, Retno Widyowati, Juni Ekowati, Eka Pramytha Hestianah, Suprpto Maat, Katsuyoshi Matsunami, **2018**, Anti-aging Properties of *Curcuma heyneana* Valetton & Zipj: A Scientific Approach to Its Use in Javanese Tradition, Journal of Ethnopharmacology, 225, 64 – 70, ISSN: 0378-8741 in
<https://www.sciencedirect.com/science/article/pii/S0378874118305221?via%3Dihub>

3.

Mangestuti Agil, **Idha Kusumawati**, and Neny Purwitasari, **2017**, Phenotypic Variation Profile of *Marsilea crenata* Presl. Cultivated in Water and in the Soil Journal of Botany, Volume 2017, Article ID 7232171, 6 pages
<https://www.hindawi.com/journals/jb/2017/7232171/abs/>

4.

Hariyadi, Dewi Melani; Hendradi, Esti; **Kusumawati, Idha**; Azzahra, Fauzia, **2017**, Histopathology Study Of Alginate Microspheres Containing Ovalbumin On Liver And Kidney Following Oral Administration And Evaluation Of Uptake By Peyer's Plaque, Turkish Journal Of Pharmaceutical Sciences, Vol. 14 Issue 3, P243-250.
<https://web.a.ebscohost.com/abstract?direct=true&profile=ehost&scope=site&authtype=crawler&jrnl=1304530X&AN=126373349&h=pzysjgYNYwdRMbH6rAtzT9d1v%2fum5v%2b4T0xx8K5KzwSdLiUhKB05TxsO20GOTnQO36yMF1A2jZGLDW0y4mt%2fNQ%3d%3d&crl=c&resultNs=AdminWebAuth&resultLocal=ErrCrlNotAuth&crlhashurl=login.aspx%3fdirect%3dtrue%26profile%3dehost%26scope%3dsite%26authtype%3dcrawler%26jrnl%3d1304530X%26AN%3d126373349>

5.

Hariyadi, D.M., Purwanti, T., **Kusumawati, I.**, Nirmala, R.N., Maindra, H.M.C., **2015**, Physical Characterization and In Vivo Study of Ovalbumin Encapsulated in Alginate Microspheres International Journal of Drug Delivery Technology; 5(2); 48-53 ISSN: 0975-4415 <https://ijddt.com/volume5issue2/>

6.

Azusa Haseo, Alfarius Eko Nugroho, Yusuke Hirasawa, Toshio Kaneda, Osamu Shirota, Abdul Rahman, **Idha Kusumawati**, Noor Cholies Zaini, and Hiroshi Morita, 2015, A New Indole Alkaloid from Voacanga grandifolia Heterocycles Special issue | Vol 90, No. 1, , pp. 601 - 606 ISSN: 1881-0942
<http://www.heterocycles.jp/newlibrary/libraries/journal/90/1/page:2>

7.

Jun Deguchi, Tadahihiro sasaki, Yusuke Hirasawa, Toshio Kaneda, **Idha Kusumawati**, Osamu Shirota, Hiroshi Morita, 2014, Two novel tetracycles, cassibiphenols A and B from the flowers of Cassia siamea Tetrahedron Letters Vol 55, Issue 7, pp. 1362-1365 ISSN: 0040-4039
<https://www.sciencedirect.com/science/article/pii/S004040391400046X>

8.

Sugiyartono, Dike Bagus Pamuji, Agil Antono, **Idha Kusumawati**, Isnaeni, **2014**, Physical Characteristic And Viability Of Lactobacillus Acidophillus Microparticle Using Hpmc K100lv And Hpmc K4m As Matrices, Int J Pharm Pharm Sci, Vol 6, Suppl 2, 296-298, ISSN-0975-1491, <https://innovareacademics.in/journal/ijpps/Vol6Suppl2/8300.pdf>

9.

Yuta Nagakura, Alfarius Eko Nugroho, Yusuke Hirasawa, Takahiro Hosoya, Abdul Rahman, **Idha Kusumawati**, Noor Cholies Zaini, Hiroshi Morita, **2013**, Sanjecumins A and B: new limonoids from Sandoricum koetjape J Nat Med 67:381–385 ISSN: 1861-0293
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10.

Yusuke Hirasawa, Hiroko Arai, Abdul Rahman, **Idha Kusumawati**, Noor Cholies Zaini, Osamu Shirota, Hiroshi Morita, **2013**, Voacalgines AeE, new indole alkaloids from Voacanga grandifolia, Tetrahedron 69, 10869e10875, ISSN: 0040-4020
<https://www.sciencedirect.com/science/article/pii/S0040402013017262>

11.

Idha Kusumawati, Gunawan Indrayanto, **2013**, Atta-ur-Rahman (Ed) Studies in Natural Products Chemistry Vol. 40: Chapter 15. Natural Antioxidants in Cosmetics, Elsevier B.V., ISSN: 1572-5995
https://books.google.co.id/books?id=vYV1DAAAQBAJ&pg=PT1&lpg=PT1&dq=chapter+15+-+natural+antioxidants+in+cosmetics&source=bl&ots=pghsPRequV&sig=ACfU3U2HJu7HB2wvli8ipR_H8UdC288edA&hl=en&sa=X&ved=2ahUKewiijKia2tfjAhUt7XMBHd9OBfwQ6AEwBHoECAGQAQ#v=onepage&q=chapter%2015%20-%20natural%20antioxidants%20in%20

12.

Hiroko Arai, Kazumasa Zaima, Erika Mitsuta, Haruka Tamamoto, Aiko Saito, Yusuke Hirasawa, Abdul Rahman, Idha Kusumawati, Noor Cholies Zaini, Hiroshi Morita, 2012, Alstiphyllanines I–O, ajmaline type alkaloids from *Alstonia macrophylla* showing vasorelaxant activity, *Bioorganic & Medicinal Chemistry* 20, pp. 3454–3459, ISSN: 0968-0896,

<https://www.sciencedirect.com/journal/bioorganic-and-medicinal-chemistry/vol/20/issue/11>

13.

Takahiro Hosoya, Fumie Yamasaki, Asami Nakata, Abdul Rahman, Idha Kusumawati, Noor Cholies Zaini, Hiroshi Morita, 2011, Inhibitors of Nitric Oxide Production from *Stemona javanica*, *Planta Medica*; 77: 256–258, ISSN 0032-0943,

<https://www.thieme-connect.com/products/ejournals/abstract/10.1055/s-0030-1250383>

14.

Idha Kusumawati and Helmy Yusuf, 2011, Phospholipid Complex as A Carrier Of *Kaempferia Galanga* Rhizome Extract To Improve Its Analgesic Activity, *International Journal of Pharmacy and Pharmaceutical Sciences* Vol 3, Suppl 1, pp.44-46, ISSN-0975-1491,

<https://innovareacademics.in/journal/ijpps/Vol3Suppl1/12.pdf>

15.

Adil Astulla, Yusuke Hirasawa, Abdul Rahman, **Idha Kusumawati**, Wiwied Ekasari, Aty Widyawaruyanti, Noor Cholies Zaini and Hiroshi Morita, **2011**, Melidianolic Acid A and B, New Antimalarial Acyclic Diterpenes from *Aphanamixis grandifolia*, *Natural Product Communications* Vol. 6 (3) pp. 323-326, ISSN: 1934578X,

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16.

Hiroko Arai, Yusuke Hirasawa, Abdul Rahman, **Idha Kusumawati**, Noor Cholies Zaini, Seizo Sato, Chihiro Aoyama, Jiro Takeo and Hiroshi Morita, **2010**, Alstiphyllanines E–H, picraline and ajmaline-type alkaloids from *Alstonia macrophylla* inhibiting sodium glucose cotransporter, *Bioorganic & Medicinal Chemistry* 18, pp. 2152–2158, ISSN: 0968-0896

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17.

Yuta Nagakura, Reiko Yamanaka, Yusuke Hirasawa, Takahiro Hosoya, Abdul Rahman, **Idha Kusumawati**, Noor Cholies Zaini and Hiroshi Morita, **2010**, Gaudichaudysolin A, A New Limonoid From The Bark Of *Dysoxylum Gaudichaudianum*, *Heterocycles*, Vol. 80, No. 2, pp. 1471 - 1477. ISSN: 1881-0942,

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18.

Yusuke Hirasawa, Saori Miyama, Takahiro Hosoya,, Koichiro Koyama, Abdul Rahman, **Idha Kusumawati**,, Noor Cholies Zaini,, Hiroshi Morita, **2009**, Alasmontamine A, A First Tetrakis Monoterpene Indole Alkaloid from *Tabernaemontana elegans*, Organic Letter Volume 11, Issue 24, p 5718-5721, ISSN: 1523-7052, <https://pubs.acs.org/doi/abs/10.1021/ol902420s>

19.

Kazumasa Zaima, Tomoko Hirata, Takahiro Hosoya, Yusuke Hirasawa, Koichiro Koyama, Abdul Rahman, **Idha Kusumawati**, Noor Cholies Zaini, Mooto Shiro, Hiroshi Morita, **2009**, Biscarpamontamines A and B, an Aspidosperma –Iboga Bisindole Alkaloid and an Aspidosperma –Aspidosperma Bisindole Alkaloid, from *Tabernaemontana sphaerocarpa*, Journal of Natural Product Volume 72, Issue 9, pp. 1686–1690, ISSN: 1520-6025 in <https://pubs.acs.org/doi/abs/10.1021/np900365r>

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(function(d, s, id) { var js, fjs = d.getElementsByTagName(s)[0]; if (d.getElementById(id)) return; js = d.createElement(s); js.id = id; js.src = "http://connect.facebook.net/en_US/all.js#xfbml=1"; fjs.parentNode.insertBefore(js, fjs); }(document, 'script', 'facebook-jssdk'));
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