

## STAFF HANDBOOK



<b>Name</b>	<b>Dr. Ratih Dewi Saputri, S.Si, M.Si.</b>		
<b>Position</b>	Lecturer on Organic Chemistry		
<b>Academic Career</b>	Bachelor Degree (Chemistry)	Universitas Airlangga, Indonesia	2007-2011
	Master Degree (Natural Product Chemistry)	Universitas Airlangga, Indonesia	2012-2013
	Doctoral Degree (Natural Product Chemistry)	Universitas Airlangga, Indonesia	2016-2020
<b>Employment</b>	<b>Position</b>	<b>Employer</b>	
	Assistant Professor	Universitas Negeri Surabaya	
<b>Research and Development Project Over the Last 5 Years</b>	<b>Title</b>	<b>Funder</b>	<b>Year</b>
	New Compound Chromanoic Acid From <i>Calophyllum Peekelii Lauterb</i> That Potential As A Candidate For Malaria Drug	Penelitian Dasar	2021
	Exploration Of New Terpenyle-Flavonoid Compound From <i>Flemingia lineata</i> (L.) Aiton As Candidate Cancer Drug	DRPM/Hibah Penelitian Dasar Unggulan Perguruan Tinggi	2021
	Utilization of New Compounds of Isoprenilated Fllavonoids And Stilbenoids From <i>Macaranga inermis</i> That Potential As Candidates For Cancer Drug	Penelitian Dasar	2019-2020
	New Isoflavonoid And Coumronocromone Compounds With Regular Terpenil Side Chain From <i>Flemingia macrophylla</i> That Potential As Cancer Drug	DRPM/Hibah Penelitian Dasar Unggulan Perguruan Tinggi	2019-2020
	Exploration Of New Compounds With Potential As Anti-Cancer From Endemic Plants of East Indonesia	Riset Mandat	2019-2020
	Mapping Potential and Active Compounds of Indonesian Endemic Plants for the Production of New Anti-Cancer Compounds	Riset Mandat	2018-2019
	New Hybrid Alkaloid Adduct Diels-Alder and Cyloady Compound From <i>Melicope quercifolia</i> As Lead Compound	Hibah Penelitian Pascasarjana	2017-2019

Community Service Over The Last 5 Years	Title	Funder	Year
Industry Collaborations Over the Last 5 Years	Title	Partner	Year
Patents and Property Right	Title	Patent ID	Year
Important Publications Over the Last 5 Years	<ol style="list-style-type: none"> <li>1. Tjahjandarie*, T.S., Tanjung, M., <b>Saputri, R.D.</b>, Aldin, M.F., Susanti, R.A., Pertiwi, N.P., Wibawa, R.S., and Halizah, I.N. (2021). Cytotoxicity evaluation of two new chalcones from the leaves of <i>Flemingia macrophylla</i> (Willd.) Merr. <i>Phytochemistry Letter, Vol 44, 78-81.</i></li> <li>2. <b>Saputri, R.D.</b>, Tjahjandarie, T.S., &amp; Tanjung, M. (2021). Two novel coumarins bearing an acetophenone derivative from the leaves of <i>Melicope Quercifolia</i>. <i>Natural product research, Vol 35 (8), 1256-1261.</i></li> <li>3. Tjahjandarie, T.S., Tanjung, M., Rahmania, D.F., Rhidoma C.I., &amp; <b>Saputri, R.D.</b> (2021). Calodioscurins A and B, two new isoprenylated xanthenes from the stem bark of <i>Calophyllum dioscurii</i> P.F. Steven. <i>Natural product research, Vol 35 (7), 1153-1158.</i></li> <li>4. Tanjung, M.<sup>a</sup>, Tjahjandarie, T.S.<sup>a</sup>, <b>Saputri, R.D.</b><sup>a</sup>, Kurnia, B.D.<sup>a</sup>, Rachman, M.F.<sup>a</sup>, &amp; Syah, Y.M.<sup>b</sup>. (2021). Calotetrapterins A-C, Three new pyranoxanthenes and their cytotoxicity from the stem bark of <i>Calophyllum tetrapterum</i> Miq. <i>Natural product research, Vol 35 (3), 407-412.</i></li> <li>5. Aty Widyawaruyanti<sup>1,2</sup>, Mulyadi Tanjung<sup>2,3</sup>, Adita Ayu Permatasari<sup>2</sup>, <b>Saputri, R.D.</b><sup>2,3</sup>, Lidya Tumewu<sup>2</sup>, Myrna Adianti<sup>2</sup>, Chie Aoki-Utsubo<sup>4</sup>, Hak Hotta<sup>5</sup>, Achmad Fuad Hafid<sup>1,2</sup>, and Tutik Sri Wahyuni <sup>1,2*</sup>. (2021). Alkaloid and Benzopyran compounds of <i>Melicope latifolia</i> fruit exhibit anti-hepatitis C virus activities. <i>BMC Complementary Medicine and Therapies (2021) 21:27.</i></li> <li>6. Tanjung, M.* , Tjahjandarie, T.S., <b>Saputri, R.D.</b>, Harsono, A. and Aldin, M.F. (2020). A new cinnamyl Acid Derivative from the Roots of <i>Willughbeia coriaceae</i> Wall. <i>Natural product sciences : 26 (1) 79-82.</i></li> <li>7. Tjahjandarie, T.S., &amp; Tanjung, M., <b>Saputri, R.D.</b>, Rahayu, D.O., Marliana, E.<sup>2</sup>, Gunawan, A.N.I., &amp; Aldin, M.F. (2020). Two new 2-arylbenzofurans from <i>Sesbania grandiflora</i> L and their cytotoxicity toward cancer cell. <i>Natural product research, in press, 1-6.</i></li> <li>8. Tjahjandarie, T.S.<sup>1*</sup>, Tanjung, M.<sup>1</sup>, <b>Saputri, R.D.</b><sup>1</sup>, Nadar, P.B.<sup>1</sup>, Aldin, M.F.<sup>1</sup>, Marliana, E.<sup>2</sup> &amp; Permadi, A.<sup>3</sup>. (2019). Flavestin K, An Isoprenylated Stilbene from the Leaves of <i>Macaranga recurvata</i> Gage. <i>Natural Product Sciences 25 (3), 244-247.</i></li> <li>9. <b>Saputri, R.D.</b>, Tanjung, M., and Tjahjandarie, T.S.. (2019). Alkaloid Kuinolin dari <i>Melicope denhamii</i> dan uji aktivitas antikankernya. <i>Jurnal Sains dan Kesehatan 1(9), 505-509.</i></li> <li>10. <b>Saputri, R.D.</b>, Tjahjandarie, T.S., &amp; Tanjung, M. (2019). Alkaloid Furokuinolin dan Asam Sinamat Ter-O-Geranilasi dari Kulit Batang <i>Melicope hookeri</i> TG HARTLEY. <i>Jurnal Sains dan Kesehatan 2 (1), 1-7.</i></li> <li>11. <b>Saputri, R.D.</b>, Tjahjandarie, T.S., &amp; Tanjung, M. (2018). Meliglabrin, A New Flavonol Derivative from the leaves of <i>Melicope glabra</i> (Blume) T.G. Hartley. <i>Natural Product Sciences, 24(3) : 155-158.</i></li> <li>12. Tanjung, M., Rachmadiarti, F., <b>Saputri, R.D.</b> &amp; Tjahjandarie, T.S. (2018). Mesucalophylloidin, a new isoprenylated 4-phenylcoumarin from <i>Mesua calophylloides</i>(Ridl.) Kosterm. <i>Natural product research 32 (9), 1062-1067.</i></li> <li>13. Tanjung, M., Rachmadiarti, F., Prameswari, A., Agyani, V.U.W., <b>Saputri, R.D.</b>, Tjahjandarie, T.S., &amp; Syah, Y.M. (2017). Airlanggin A-B, two new isoprenylated benzofuran-3-ones from the stem bark of <i>Calophyllum soulatri</i>. <i>Natural Product Research, Vol 32(13): 1493-1498.</i></li> </ol>		

14. **Saputri, R.D.**<sup>1</sup>, Tanjung, M.<sup>1</sup>, & Tjahjandarie, T.S.<sup>1</sup>. (2018). Cytotoxic activity of quinolinone Alkaloids and acylphloroglucinol from the leaves of *Melicope denhamii*. *Journal of Physics: Conference Series* 1095 (1), 012031.

15. Tjahjandarie, T.S., <sup>1</sup>, **Saputri, R.D.**<sup>1</sup>, Tanjung, M.<sup>1</sup>. (2018). Melimoluccanin, A new isoprenylated quinolone alkaloid from the leaves of *Melicope moluccana* TG Hartley. *Journal of Physics: Conference Series* 1095 (1), 012042.

Activities in Specialist Bodies Over the Last 5 Years	Role	Position	Period