

Curriculum Vitae

Personal

Name : Sukemi, S.Pd., M.Sc.
Place of Birth : Talisayan, Berau District, East Kalimantan Province, Indonesia
Date of Birth : November 16th, 1982
Marital Status : Married
Sex : Male
Religion : Islam
Nationality : Indonesian
Address : Jl. Kenangan 8 RT. 75, Kelurahan Sungai Pinang Dalam, Kecamatan Sungai Pinang, Kota Samarinda - Kalimantan Timur – Indonesia, 75117
Office Address : Program Studi S-1 Pendidikan Kimia Universitas Mulawarman Gedung H, Jalan Penajam – Muara Pahu, Kampus Gunung Kelua, Samarinda, Kalimantan Timur, Indonesia, 75123
Phone Number : +6282199660776
Email : kekem.basri@gmail.com or sukemi@fkip.unmul.ac.id
Expertise : Organic Chemistry and Natural Product Chemistry



Education

2013 – 2016 : Master of Science (M.Sc.), Department of Chemistry, Faculty of Science, King Mongkut's University of Technology Thonburi, Bangkok, Thailand
2000 – 2005 : Bachelor of Education in Chemistry (B.Ed.), Teacher Training and Education Faculty, Mulawarman University, Samarinda, East Kalimantan, Indonesia
1997 – 2000 : Sekolah Menengah Atas (SMA) Negeri 2 Berau, East Kalimantan, Indonesia.
1994 – 1997 : Sekolah Menengah Pertama (SMP) Negeri 1 Talisayan, East Kalimantan, Indonesia.
1988 – 1994 : Sekolah Dasar (SD) Negeri 001 Talisayan, East Kalimantan, Indonesia.

Conference and Seminar

- 2020, Dec : **Committee** of the 4th National Seminar on Chemistry and Chemistry Education, Faculty of Teacher Training and Education, Mulawarman University, Samarinda, Indonesia
- 2020, Nov : **Oral Presenter** at the National Seminar on Environmentally Friendly Chemistry, Faculty of Science, Mulawarman University, Samarinda, Indonesia.
- 2020, Nov : **Oral Presenter** at the 3rd Educational Sciences International Conference (ESIC), Faculty of Teacher Training and Education, Mulawarman University, Samarinda, Indonesia.
- 2020, Nov : **Oral Presenter** at the 6th International Conference on Basic Science 2020, Pattimura University, Ambon, Indonesia
- 2020, Oct : **Oral Presenter** at the 4th International Conference on Tropical Studies and Its Applications (ICTROPS), Mulawarman University, Samarinda, Indonesia
- 2020, June : **Participant** at Webinar Development of Research in Covid-19 Pandemic, Department of Chemistry, Faculty of Science, State University of Gorontalo, Indonesia
- 2020, May : **Participant** of Southeast Asia Webinar Series: Natural Products Analysis – A Proposed Workflow Using the SCIEX QTOF System
- 2020, Sept : **Committee** of the 3rd National Seminar on Chemistry and Chemistry Education, Faculty of Teacher Training and Education, Mulawarman University, Samarinda, Indonesia
- 2019, Sept : **Oral Presenter** and **Moderator** at Joint Symposium on Tropical Studies, Faculty of Forestry of Mulawarman University in cooperation with Indonesian Wood Research Society, Tanjung Redeb, Indonesia
- 2018, Nov : **Oral Presenter** and **Committee** of the 2nd National Seminar on Chemistry and Chemistry Education, Faculty of Teacher Training and Education, Mulawarman University, Samarinda, Indonesia
- 2018, Sept : **Oral Presenter** and **Moderator** at the 2nd International Conference on Tropical Studies and Its Application, Balikpapan, Indonesia
- 2017, Dec : **Oral Presenter** at the 3rd National Seminar on Biology Education (Natural Science, Biology, Environment, Education), Faculty of Teacher Training and Education, Mulawarman University, Samarinda, Indonesia
- 2017, Nov : **Committee** of National Seminar on Chemistry and Chemistry Education, Faculty of Teacher Training and Education, Mulawarman University, Samarinda, Indonesia
- 2017, Sept : **Oral Presenter** at National Seminar on Chemistry, Faculty of Science, Mulawarman University, Samarinda, Indonesia

- 2017, Jul : **Participant** of Chemical Security Awareness Webinar for Indonesia, Chemical Engineering Department, Institute of Technology Kalimantan, Indonesia
- 2017, Apr : **Oral Presenter** at National Seminar on Chemistry and Chemistry Education, Faculty of Teacher Training and Education, Universitas Sebelas Maret, Solo, Indonesia
- 2016, Aug : **Participant** of the 5th International Conference of the Indonesian Chemical Society, Samarinda, Indonesia
- 2016, May : **Committee** of 4th Asian Academic Society International Conference, Bangkok, Thailand
- 2016, Jan : **Guess/Facilitator** at English Camp for ASEAN Economic Community, Thailand
- 2015, Sep : **Poster Presenter** at International Seminar in Science Education, Mulawarman University, Samarinda, Indonesia
- 2015, Sep : **Moderator** at International Seminar in Science Education, Mulawarman University, Samarinda, Indonesia
- 2015, May : **Committee** of 3rd Asian Academic Society International Conference, Bangkok, Thailand
- 2015, Jun & Jul : **Guess/Facilitator** at English Camp for ASEAN Economic Community, Thailand
- 2015, Jan : **Poster Presenter** at Pure and Applied Chemistry International Conference, Bangkok, Thailand
- 2013, Nov : **Participant** of International Symposium of Overseas Indonesian Students Association Alliance, Bangkok, Thailand
- 2013, Mar : **Participant** of International Seminar on Carbon Stocks and GHG Emission from Mangrove and Peatland in Kalimantan, Samarinda, Indonesia
- 2012, Sep : **Participant** of Teacher Talkshow in Social Science Olympiads IX, University of Indonesia, Jakarta, Indonesia
- 2012, Feb : **Committee** of Chemistry Olympiads and Papers Competition for Senior High School Students in Chemist Fun Days 2012, Mulawarman University, Samarinda, Indonesia
- 2011, Nov : **Participant** of Teachers Workshop in Social Science Olympiads 2011, University of Indonesia, Jakarta, Indonesia
- 2011, Nov : **Participant** of Teacher Talkshow in Social Science Olympiads 2011, University of Indonesia, Jakarta, Indonesia
- 2011, Nov : **Assisting Teacher** at Social Science Olympiads 2011, University of Indonesia, Jakarta, Indonesia
- 2011, Nov : **Assisting Teacher** at Papers National Competition for Senior High School Students, Muhammadiyah University of Malang, Malang, Indonesia

- 2010, Jul : **Committee** of Science Education International Seminar, Samarinda, Indonesia
- 2006, Nov : **Committee** of Chemistry National Seminar, Samarinda, Indonesia

Workshop and Internship

- 2020, Jan : **Participant** of Providence University's Immersion Program, Taichung, Taiwan
- 2019, Oct : **Participant** of Training for Teacher and Activist for Teaching and Learning of Indonesian Language for Foreign, Development and Diplomacy of Language Centre, Ministry of Education and Culture, Jakarta, Indonesia
- 2019, Apr : **Participant** of Basic Training on Teaching and Learning of Indonesian Language for Foreign, Language Centre of Jakarta State University, Jakarta, Indonesia
- 2018, Nov : **Participant** of Workshop on Preparation of Teaching and Learning Tools for Chemistry Teachers, Teacher Training and Education Faculty of Mulawarman University, Samarinda, Indonesia
- 2017, Dec : **Participant** of Workshop on Preparation of Lesson Plan, Mulawarman University, Samarinda, Indonesia
- 2017, Jul : **Participant** of Workshop on Kurikulum Berbasis Kualifikasi Nasional Indonesia (Curriculum Base on National Qualification), Chemistry Education Program, Faculty of Teacher Training and Education, Mulawarman University, Samarinda, Indonesia
- 2016, Jun – Aug : **Participant** of 2nd International Internship Program, Faculty of Science King Mongkut's University of Technology Thonburi, Bangkok, Thailand
- 2011, Sep : **Participant** of Grant Writing Training for Chemical Scientists in Indonesia, Balikpapan, Indonesia
- 2011, Jul – Nov : **Participant** of English Training Program for Science Teachers, Samarinda, Indonesia
- 2010, Apr : **Participant** of National Training for Teacher, Samarinda, Indonesia
- 2010, Mar : **Participant** of International Training of Education, Samarinda, Indonesia

Organizations

- 2019 – Present : **Member** of Research Center for Natural Products from Tropical Rainforest (PUI-PT OKTAL) of Mulawarman University
- 2019 – Present : **Member** of Association for the Teaching and Promotion of Indonesian as Foreign Language
- 2018 – Present : **Member** of Indonesian Chemical Society
- 2012 – 2016 : **Member** of Indonesian Student Association in Thailand

2002 – 2003 : **Head** of Unit Kegiatan Mahasiswa Teater Yupa (Students Association in Theatre) of Mulawarman University, Indonesia

Work Experiences

2020 – Present : Head of Division of Indonesian for Foreign Speakers and Darmasiswa Republic of Indonesia Programs of International Office and Excellent Program of Mulawarman University, Indonesia

2018 – 2019 : Section Editor of Bivalen: Chemical Studies Journal

2017 – 2019 : Team of Manuscript Centre of Mulawarman University, Indonesia

2017 – 2019 : Head of Division of International Student Services, Scholarship for Study Abroad, and Consular – International Office and Excellent Program of Mulawarman University, Indonesia

2016 – Present : Lecture at Chemistry Education Program, Teacher Training and Education Faculty, Mulawarman University, Indonesia

2012 – 2013 : Staff at Chemistry Education Program, Teacher Training and Education Faculty, Mulawarman University, Indonesia

2008 – 2012 : Chemistry teacher at Sekolah Menengah Kejuruan Farmasi YPEM Samarinda, Indonesia

2005 – 2012 : Laboratory Assistant at Chemistry Laboratory, Teacher Training and Education Faculty, Mulawarman University, Indonesia

2005 – 2013 : Laboratory Assistant at Chemistry Laboratory, Sekolah Menengah Atas Negeri 2 Samarinda, Indonesia

Scholarships and Awards

2020 : Best Presenter at the 3rd Educational Sciences International Conference, Mulawarman University, Indonesia.

2017 : Scholarship for Bridging Program, Mulawarman University, Indonesia

2016 : Full Scholarship for International Internship Program from Faculty of Science, KMUTT, Bangkok, Thailand

2014 : International Scholarship for Master Student from East Kalimantan Government, Indonesia

2012 – 2014 : Dual Degree Scholarship from East Kalimantan Government, Indonesia

2001 – 2004 : Scholarship from Yayasan Darma Bhakti PT Berau Coal (YDBBC), Indonesia

Research and Community service

2021 : Pintaka Kusumaningtyas, Agung Rahmadani, **Sukemi**, 2021, “Synthesis and bioactivity of pirazoline analogue compounds” **Research and Community**

- Service Funding, Faculty of Teacher Training and Education,
Mulawarman University**
- 2020 : Enos Tangke Arung, **Sukemi**, 2020, “Madu, Propolis dan Bee Pollen dari Jenis Lebah Tanpa Sengat/Kelulut yang dibudidayakan di Samarinda sebagai Bahan Dasar Obat dan Kosmetik” **Research and Community Service Grants: Basic Research from Ministry of Research, Technology and Higher Education of the Indonesian Republic**
- 2020 : **Sukemi**, 2020, Development of video of Doyo fibers dyeing using natural colorant as online learning media on the subject of applied chemistry and entrepreneurship **Research and Community Service Funding, Faculty of Teacher Training and Education, Mulawarman University**
- 2019 : Enos Tangke Arung, **Sukemi**, 2019, “Madu, Propolis dan Bee Pollen dari Jenis Lebah Tanpa Sengat/Kelulut yang dibudidayakan di Samarinda sebagai Bahan Dasar Obat dan Kosmetik” **Research and Community Service Grants: Basic Research from Ministry of Research, Technology and Higher Education of the Indonesian Republic**
- 2019 : **Sukemi**, Nurul Azmi, Radha Wardani., 2019, “Effect of Mordant and Mordanting Methods on the Colour of Doyo Fibers Using Methanol Extract of Seruni Flowers” **Research and Community Service Funding, Faculty of Teacher Training and Education, Mulawarman University**
- 2019 : **Sukemi**, 2019, “An Increment of Scientific Thinking and Writing (Training on Scientific Writing Based on Research),” **Research and Community Service Funding, Faculty of Teacher Training and Education, Mulawarman University**
- 2018 : **Sukemi**, Harra Ismi Farah, 2018, “Training on Cookies Production from Seed and Peels of Jack Fruits.” **Research and Community Service Funding, Faculty of Teacher Training and Education, Mulawarman University**
- 2018 : **Sukemi**, Eka Normawati, Nimas Ayu Norma P., Rudi Chairul Fajri, 2018, “Optimum Conditions of Colorant from *Gelinggam* Seeds by *Doyo* Fibers.” **Research and Community Service Funding, Faculty of Teacher Training and Education, Mulawarman University**

Publications

- 2021 : **Sukemi**, Yadi Yasir, Swandari Paramita, Enos Tangke Arung, “DPPH-Scavenging Activity of Propolis of *Tetragonula iridipennis* from East Kalimantan,” **Proceedings Joint Symposium on Tropical Studies (JSTS-19)**, pp. 320-322.
(<https://www.atlantis-press.com/proceedings/jsts-19/125955308>)

- 2021 : Trie Roma Dhona, Sonja V.T. Lumowa, Enos Tangke Arung, **Sukemi**, "Secondary metabolites and DPPH-radicals scavenging activity of crude methanol extract of *Gmelina elliptica* leaves from Berau District, Indonesia," **Proceeding 4th ICTROPS 2020**, pp. 64-66.
- 2021 : Ummi Hidayati, Fahrizal Adnan, Ika Meicahayanti, **Sukemi**, Sariyadi, "Kinetic Study of activated solid waste adsorbents for removal methyl orange in batch reactor," **Proceeding 4th ICTROPS 2020**, pp. 39-41.
- 2021 : Hadi Saputra, Gadjali Rahman, I Gede Yogie, **Sukemi**, "Pengaruh waktu kontak terhadap penjerapan ekstrak etanol pucuk daun pucuk merah (*Syzygium oleana*) oleh kertas saring," **Prosiding Seminar Kimia**, pp. 38-40.
(<http://jurnal.kimia.fmipa.unmul.ac.id/index.php/prosiding/article/view/987>)
- 2021 : Fataa Kusumattaqiin, Fitriyana, **Sukemi**, Reksi Sundu, Mustaming, "Preparation of conductive film cellulose/reduced graphene oxides," **Rasayan Journal of Chemistry**, Vol. 14. No. 1, pp. 58-64.
(https://rasayanjournal.co.in/admin/php/upload/3036_pdf.pdf)
- 2020 : Binti Khairunnisa, Enih Rosamah, Harlinda Kuspradini, Irawan Wijaya Kusuma, **Sukemi**, Nataniel Tandirogang, Enos Tangke Arung "Uji fitokimia dan antioksidan ekstrak etanol propolis lebah kelulut (*Tetragonula iridipennis*) dari Samarinda Kalimantan Timur," **Jurnal Ilmiah Manuntung**, Vol. 6. No. 1, pp. 63-69.
(https://jurnal.akfarsam.ac.id/index.php/jim_akfarsam/article/view/309)
- 2020 : Iis Intan Widiyowati, Radha Wardani, Nurul Azmi, **Sukemi**, "DPPH radical scavenging activity of methanol extract of *Wedelia trilobata* flower from Samarinda city, Indonesia," **MCTrops**, Vol. 1 No. 1. pp. 24-29.
(<http://ij.unmul.ac.id/ojs/index.php/nls/article/view/23>)
- 2020 : Irsalinda Wessa Nurrahim, Muhammad Ismail Marzuki, **Sukemi**, "Aktivitas antioksidan buah doyo," **Bivalen: Chemical Studies Journal**, Vol. 3. No. 1, pp. 18-21.
(<https://jurnal.fkip.unmul.ac.id/index.php/bivalen/article/view/331>)
- 2020 : Enos Tangke Arung, Syafrizal, Whicliffe Fiernaleonardo Pasedan, Nataniel Tandirongan, **Sukemi**, Ahmde E. Alam, Yhiya Amen, Kuniyoshi Shimizu, Hiroya Ishikawa, 2020, "Prenylated flavonoids as antioxidant and melanin inhibitors from stingless bee (*Wallacetrigona incisa*) propolis," **Natural Product Communications**, Vol. 15. No. 3, pp. 1-6.
(<https://journals.sagepub.com/doi/full/10.1177/1934578X20911272>)
- 2020 : Agus Supatno, **Sukemi**, 2020 "Nutrisi Kulit Ubi Kayu (*Manihot utilisma*) Varietas Valenca," **Prosiding Seminar Nasional Pendidikan Matematika, Sains, Geografi, dan Komputer 2019**, pp. 83-84.

- 2019 : Radoh Rinasih Hermawani, Desti Ramadhani, Aris Madiun Daya, Firman Wahyudi, **Sukemi**, “Nutrisi tepung kulit dan jerami nangka,” **Prosiding Seminar Kimia 2019**, pp. 76-79.
(<http://jurnal.kimia.fmipa.unmul.ac.id/index.php/prosiding/article/view/863>)
- 2019 : Nurlaili, Niluh Bara Nonik Eliani¹, Ferti Lestari, **Sukemi**, 2019, “DPPH radical scavenging activity of methanol extract of Indonesian *Etlingera elatior* flower and leave,” **Journal of Physic: Conference Series**, Vol. 1277, pp. 1-3.
(<https://iopscience.iop.org/article/10.1088/1742-6596/1277/1/012021>)
- 2019 : Ratna Kusumawardani, Dewi Lismana Sari, Mufliah, **Sukemi**, 2019, Senior High School Student’s Written Communication Skills Taught by Using ELPSA Learning Design on The Subject of Chemical Basic Laws,” **Atlantis Press: Advances in Social Science, Education and Humanities Research**, Vol. 224, pp. 1-8.
(<https://www.atlantis-press.com/proceedings/esic-18/125910488>)
- 2019 : **Sukemi**, Kornkanya Pratumyot, Choladda Srisuwannaket, Nakorn Niamnont, Withawat Mingvanish, 2019, “Dyeing of cotton with the natural dye extracted from waste leaves of green tea (*Camellia sinensis* var. assamica),” **Coloration Technology**, Vol. 135, No. 2, pp. 121-126.
(<https://onlinelibrary.wiley.com/doi/abs/10.1111/cote.12381>)
- 2018 : Sulistyo Prabowo, Nurlaili, Mufliah, Remy Anderson Tindangen, **Sukemi**, 2018, “The Application of Electrolysis Method to Reduce Ammonia Content in Liquid Waste of Tofu” **IOP Conference Series: Earth and Environmental Science**, Vol. 144, pp. 1-5
(<https://iopscience.iop.org/article/10.1088/1755-1315/144/1/012046>)
- 2018 : Ratna Kusumawardani, N. Hasanah, **Sukemi**, 2018, “The addition of pineapple flesh and pineapple peels extracts to increase the quality of used cooking oil” **IOP Conference Series: Earth and Environmental Science**, Vol. 144, pp. 1-4.
(<https://iopscience.iop.org/article/10.1088/1755-1315/144/1/012008>)
- 2017 : Nindy Nur Rahmawati, **Sukemi**, Radoh Rinasih Hermawani, Harra Ismi Farah, 2017, “Pengaruh material to liquor ratio (MLR) terhadap penjerapan ekstrak etanol pucuk daun pucuk merah (*Syzygium oleana*) oleh kertas saring,” **Prosiding Seminar Nasional III, Biologi, Sains, Lingkungan dan Pembelajaran**, 2 Desember 2017, 38-42.
- 2017 : **Sukemi**, Usman, Boyfanie Ivan Putra, Widya Purwati, Nindy Nur Rahmawati, Sela Defi Alib Pradani, 2017, “Acid Base Indikator from Shoot-Leaves Ethanol Extract of Pucuk Merah (*Syzygium oleana*)”, **JKPK (Jurnal Kimia dan Pendidikan Kimia)**, Vol. 2, No. 3, pp. 139-144.
(<https://jurnal.uns.ac.id/jkpk/article/download/11864/13740>)

- 2017 : Sela Devi Alib Pradani, **Sukemi**, Harra Ismi Farah, Ade Irfan, 2017, “Pengaruh Suhu Terhadap Penjerapan Ekstrak Etanol PDPM (Pucuk Daun Pucuk Merah) oleh Kertas Saring”, **Prosiding Seminar Nasional Kimia 2017**, 4 September 2017, Samarinda.
(<http://jurnal.kimia.fmipa.unmul.ac.id/index.php/prosiding/issue/view/29>)
- 2015 : Sukemi, Khownum, K., Arung, E.T., Kusuma, I.W. and Mingvanish, W., 2015, “Antioxidant Activities of Methanolic Extract of *Nephelium ramboutan-ake* (Labill.) Leenh. peels”, **Proceeding of Pure and Applied Chemistry International Conference 2015**, 21-23 January 2015, Bangkok, pp. 123-127.
(http://paccon2015.kmutt.ac.th/proceeding/5_Industrial_Chemistry_and_Innovation_ICI.pdf)
- 2014 : **Sukemi**, 2014, “Minerals, Nutrients and Active Compounds of Rambutan Fruits”, **Seminar Nasional Kimia 2014**, 18 October 2014, Samarinda
(<http://jurnal.kimia.fmipa.unmul.ac.id/index.php/prosiding/article/view/170>)