

# Lucksagoon Ganranoo Ph.D.



## Contact

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## Languages

Thai  
English

## Experiences

May 2011 – Present Lecturer ;  
Department of Chemistry, School of  
Science, University of Phayao, Thailand

## Academic Position

Assistant Professor

## Education

- **Ph.D. (Chemistry), Year 2011**  
Chiang Mai University, Thailand
- **M.Sc. (Chemistry), Year 2007**  
Chiang Mai University, Thailand
- **B.Sc. (Chemistry), 1<sup>st</sup> Honor. Year 2002**  
Chiang Mai University, Thailand

## Scholarships

2008-2011 Ph.D. Scholarship supported by The Royal Golden Jubilee Ph.D. Program of The Thailand Research Fund  
1999-2007 Development and Promotion of Science and Technology Talents Project (DPST)

## Specializations

- Analytical chemistry
- Green chemistry

## Research Grant Support

2018-2019 University of Phayao  
2013-2014 Office of the Higher Education Commission  
2012-2013 Research Fund for DPST Graduate with First Placement

## Publications

- R. Chokchaisiri, W. Chaichompoo, W. Pabuprapap, O. Sukcharen, J. Tocharus, **L. Ganranoo**, S. Bureekaew, E. Sangvichien, A. Suksamrarn. Biotransformation of 1 $\alpha$ , 11 $\alpha$ -dihydroxyisopimara-8 (14), 15-diene by *Cunninghamella echinulata* NRRL 1386 and their neuroprotective activity, *Bioorg. Chem.* (2021), 110, 104799.
- N. Deesa, A. Thongsri, R. Chokchaisiri, **L. Ganranoo**, C. Thephinlap, K. Khoothiam, N. Suwannasom, Aussara Panya, C. Thepmalee. Cytotoxicity against breast cancer cell line of 7R-acetylmelodorinol isolated from *Xylopiya pierrei* Hance, *Naresaun Phayao J.* (2021), 14 (1), 25-32.
- S. Pinmongkhonkul, **L. Ganranoo**, Y. Timsom, Y. Jantapatak, W. Boonriam. Inulin evaluation of Jerusalem artichoke (*Helianthus tuberosus*) from organic cultivation areas, Phayao, Thailand, *IJAT.* (2021), 17 (2), 627-640.

## Publications (continued)

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- R. Chokchaisiri, W. Chaichompoo, W. Chunglok, S. Cheenpracha, **L. Ganranoo**, N. Phutthawong, S. Bureekaew, A. Suksamrarn. Isopimarane Diterpenoids from the Rhizomes of *Kaempferia marginata* and Their Potential Anti-inflammatory Activities, *J. Nat. Prod.* (2020), 83, 14-19.
- R. Chokchaisiri, J. Srijun, W. Chaichompoo, S. Cheenpracha, **L. Ganranoo**, A. Suksamrarn. Anti-herpes simplex type-1 (HSV-1) activity from the roots of *Jatropha multifida* L. *Med. Chem. Res.* (2020), 29, 328-333.
- R. Chokchaisiri, W. Chaichompoo, O. Sukcharoen, A. Suksamrarn, **L. Ganranoo**. Microbial transformation of isocoronarin D by *Cunninghamella echinulata* NRRL 1386. *Nat. Prod. Res.* (2019), 33, 2890-2896.
- **L. Ganranoo**, R. Chokchaisiri, K. Grudpan. Simple simultaneous determination of iron and manganese by sequential injection spectrophotometry using astilbin extracted from *Smilax china* L. root. *Talanta.* (2019), 191, 307-312.
- S. Lapanantnoppakhun, **L. Ganranoo**, S.K. Hartwell, K. Grudpan. Sequential injection ion chromatography with flow injection post column derivatization capable of using the unstable reagent murexide to determine calcium and magnesium in a mixture. *Chromatographia.* (2018), 81, 1269–1276.
- R. Chokchaisiri, S. Kunkaewom, S. Chokchaisiri, **L. Ganranoo**, R. Chalermglin, A. Suksamrarn. Potent cytotoxicity against human small cell lung cancer cells of the heptenes from the stem bark of *Xylopiia pierrei* Hance. *Med. Chem. Res.* (2017), 26, 1291-1296.
- D. Thongwat, **L. Ganranoo**, R. Chokchaisiri. Larvicidal and pupicidal activities of crude and fractionated extracts of *Acacia pennata* (L.) Wild. subsp. *insuavis* shoot tips against *Aedes aegypti* (L.) (Diptera: Culicidae). *SE. ASIAN J. TROP. MED.* (2017), 48(1), 27-36.
- D. Thongwat, **L. Ganranoo**, R. Chokchaisiri. Larvicidal Activity of *Pereskia bleo* (Kunth) DC. (Cactaceae) fruit endocarp crude and fractionated extracts against *Aedes aegypti* (L.) (Diptera: Culicidae), *SE. ASIAN J. TROP. MED.* (2014), 45, 1292-1300.