

# 和漢薬研究の科学基盤形成事業推進室

Research Promotion Office for Science-Based Natural Medicine

特命助教 小玉 猛 Takeshi Kodama

## ◆ 原著

- 1) Nguyen HT, Ho DV, Hung VQ, Trang HX, Kodama T, Ito T, Morita H, Raal A. The components from aerial parts of *Sarcosperma affinis* Gagnep. and their antibacterial activities. *Cogent Chemistry*. 2016 Nov; 2: 1254421.
- 2) Nguyen HM\*, Ito T, Win NN, Kodama T, Hung VQ, Nguyen HT, Morita H. New antibacterial sesquiterpene aminoquinones from a Vietnamese marine sponge of *Spongia* sp. *Phytochemistry Lett.* 2016 Sep; 17: 288-92.
- 3) Ito T, Aimaiti S, Win NN, Kodama T, Morita H. New sesquiterpene lactones, vernonilides A and B, from the seeds of *Vernonia anthelmintica* in Uyghur and their antiproliferative activities. *Bioorg Med Chem Lett.* 2016 Aug; 26(15): 3608-11.
- 4) Ito T, Nisa K, Kodama T, Tanaka M, Okamoto Y, Ismail, Morita H. Two new cyclopentenones and a new furanone from *Baeckea frutescens* and their cytotoxicities. *Fitoterapia*. 2016 Jul; 112: 321-4.
- 5) Win NN, Ito T, Matsui T, Aimaiti S, Kodama T, Ngwe H, Okamoto Y, Tanaka M, Asakawa Y, Abe I, Morita H. Isopimarane diterpenoids from *Kaempferia pulchra* rhizomes collected in Myanmar and their Vpr inhibitory activity. *Bioorg Med Chem Lett.* 2016 Apr; 26(7): 1789-93.
- 6) Hoai NT, Duc HV, Phu NDQ, Kodama T, Ito T, Morita H. A new iridoid from aerial parts of *Hedyotis pilulifera*. *Nat Prod Comm.* 2016 Mar; 11(3): 365-7.
- 7) Yang X\*, Matusi T, Kodama T, Mori T, Zhou X, Taura F, Noguchi H, Abe I, Morita H. Structural basis for olivetolic acid formation by a polyketide cyclase from *Cannabis sativa*. *FEBS J.* 2016 Mar; 283(6): 1088-106.
- 8) Awouafack MD, Ito T, Tane P, Kodama T, Tanaka M, Asakawa Y, Morita H. A new cycloartane-type triterpene and a new eicosanoic acid ester from fruits of *Paullinia pinnata* L. *Phytochemistry Lett.* 2016 Mar; 15: 220-4.
- 9) Nisa K\*, Ito T, Kodama T, Tanaka M, Okamoto Y, Asakawa Y, Imagawa H, Morita H. New cytotoxic phloroglucinols, baeckenones D-F, from the leaves of Indonesian *Baeckea frutescens*. *Fitoterapia*. 2016 Mar; 109: 236-45.
- 10) Win NN, Ito T, Ismail, Kodama T, Win YY, Tanaka M, Okamoto Y, Imagawa H, Ngwe H, Asakawa Y, Abe I, Morita H. Picrajavanicins H-M, new quassinoids from *Picrasma javanica* collected in Myanmar and their antiproliferative activities. *Tetrahedron*. 2016 Feb; 72(5): 746-52.
- 11) Nisa K\*, Ito T, Subehan, Matsui T, Kodama T, Morita H. New acylphloroglucinol derivatives from the leaves of *Baeckea frutescens*. *Phytochemistry Lett.* 2016 Mar; 15: 42-5.
- 12) Win NN, Ito T, Ismail, Kodama T, Win YY, Tanaka M, Ngwe H, Asakawa Y, Abe I, Morita H. Picrajavanicins A-G, quassinoids from *Picrasma javanica* collected in Myanmar. *J Nat Prod.* 2015 Nov; 78(12): 3024-30. (2015 年未掲載分)

## ◆ 学会報告

- 1) 松井 崇, 楊 新美, 周 曜希, 小玉 猛, 森 貴裕, 野口博司, 阿部郁朗, 森田洋行. アサ由来ポリケタيد閉環酵素のポリケタيد閉環機構の解明. 日本結晶学会平成 28 年度年会および会員総会 ; 2016 Nov 17 ; 水戸.
- 2) 森田洋行, 楊 新美, 松井 崇, 小玉 猛, 森 貴裕, 周 曜希, 野口博司, 阿部郁朗. アサ由来ポリケタيد閉環酵素の X 線結晶構造解析. 日本薬学会第 136 年会 ; 2016 Mar 27-29 ; 横浜.
- 3) Nisa K, 伊藤卓也, 松井 崇, 小玉 猛, 森田洋行. Three new phloroglucinols from Indonesian *Baeckea frutescens*. 日本薬学会第 136 年会 ; 2016 Mar 27-29 ; 横浜.
- 4) 松井 崇, 楊 新美, 小玉 猛, 周 曜希, 森 貴裕, 野口博司, 阿部郁朗, 森田洋行. アサ由来ポリケタيد閉環酵素の X 線結晶構造解析. 2015 年度量子ビームサイエンスフェスタ ; 2016 Mar 15 ; つくば.