

トランスレーショナルリサーチ推進部門

Translational Research

天然薬物開発分野

Natural Drug Discovery

准教授 アワレ スレス Suresh Awale

◆ 原 著

- 1) Nguyen HX, Nguyen NT, Dang PH, Thi PH, Nguyen MTT, Can MV, Dibwe DF, Ueda J, Awale S. Cassane diterpenes from the seed kernels of *Caesalpinia sappan*. *Phytochemistry*. 2016 Feb; 122: 286-93.
- 2) Klionsky DJ, Abdelmohsen K, Abe A, Abedin MJ et al. Guidelines for the use and interpretation of assays for monitoring autophagy (3rd edition). *Autophagy*. 2016; 12(1): 1-222.
- 3) Prangsaengtong O, Athikomkulchai S, Xu J, Koizumi K, Inujima A, Shibahara N, Shimada Y, Tadtong S, Awale S. Chrysin inhibits lymphangiogenesis in vitro. *Biol Pharm Bull*. 2016; 39(4): 466-72.
- 4) Farley CM, Dibwe DF, Ueda J, Hall EA, Awale S, Magolan J. Evaluation of synthetic coumarins for antiausterity cytotoxicity against pancreatic cancers. *Bioorg Med Chem Lett*. 2016; 6(5): 1471-4.
- 5) Nguyen HX, Nguyen NT, Dang PH, Thi PH, Nguyen MTT, Can MV, Dibwe DF, Ueda J, Matsumoto K, Awale S. A new cassane-type diterpene from the seed of *Caesalpinia sappan*. *Nat Prod Commun*. 2016; 11(6): 723-4.
- 6) Nguyen HX, Do TNV, Le TH, Nguyen MTT, Nguyen NT, Esumi H, Awale S. Chemical constituents of *Mangifera indica* and their antiausterity activity against the PANC-1 human pancreatic cancer cell line. *J Nat Prod*. 2016; 79(8): 2053-9.

◆ 学会報告

- 1) Awale S. Recent advances in antiausterity strategy guided anticancer drug discoveries. The 6th International Symposium on Bioactivities and Disease Prevention of Phytochemicals and Natural Products for Health, National Chiayi University Chiayi; 2016 Nov 25-26; Taiwan. (Invited Lecture)
- 2) Nguyen HX, Awale S. Chemical Constituents of *Mangifera indica* and Their Anti Austerity Activity against the PANC-1 Human Pancreatic Cancer Cell Line. The First International Symposium on Toyama-Asia-Africa Pharmaceutical Network; 2016 Sep 12-13; Toyama.
- 3) Dibwe DF, Awale S. Potential Anticancer Agents from the Wood of *Chamaecyparis obtusa*. The First International Symposium on Toyama-Asia-Africa Pharmaceutical Network; 2016 Sep 12-13; Toyama.
- 4) Phrutivorapongkul A, Sun S, Dibwe DF, Awale S. Screening of Thai indigenous vegetables and condiments as a source for anti-pancreatic cancer agent. 第 21 回日本フードファクター学会学術集会 (JSoFF2016) ; 2016 Nov 19-20 ; 富山.
- 5) Fujita K, Dibwe DF, Awale S, Watanabe S. Investigation into anti-metabolic syndrome effect of perilla leave. 第 21 回日本フードファクター学会学術集会 (JSoFF2016) ; 2016 Nov19-20 ; 富山.
- 6) Awale S. Advances in antiausterity strategy based anticancer drug discoveries. The 2016 Joint Symposium of The Natural Products Research Institute at Seoul National University and The Institute of Natural Medicine at University of Toyama; 2016 Nov 8; Toyama.
- 7) 丸山貴裕, 岡田貴大, 岡田卓哉, Awale Suresh, 豊岡尚樹. 栄養飢餓選択的毒性が期待される Plumbagin 誘導体の合成と活性評価. 平成 28 年度有機合成化学北陸セミナー ; 2016 Oct 7-8 ; 金沢.
- 8) 松本欣三, 藤原博典, 韓 垚羽, Awale Suresh, 荒木良太, 矢部武士. 隔離飼育マウスの発達障害様行動に及ぼす抑肝散及び桂枝湯の効果. 第 15 回日本臨床中医薬学会学術大会 ; 2016 Oct 8 ; 京都.
- 9) Awale S, Dibwe DF. Discovery of Natural Anti-cancer agents that Retard Cancer Cell's Tolerance to Nutrition Starvation. Toyama Science GALA; 2016 Sep 30; 富山.
- 10) Dibwe DF, Awale S. Brazilian green propolis: A potential source for the novel anti-pancreatic cancer drug discovery. Toyama Science GALA; 2016 Sep 30; 富山.
- 11) 海老原健, 藤原博典, 荒木良太, 矢部武士, Suresh Awale, 松本欣三. 神経ステロイド allopregnanolone の生合成阻害による社会性行動の低下. 第 67 回日本薬理学会北部会 ; 2016 Sep 30 ; 札幌.

- 12) Awale S, Dibwe DF, Ueda J, Nguyen HX, Nguyen MTT. Tomocins A-D, new cassane diterpenes from the seed kernels of *Caesalpinia sappan*. 日本生薬学会第 63 回年会 ; 2016 Sep 24-25 ; 富山.
- 13) Awale S, Ueda J, Dibwe DF, Nguyen MTT. Chemical constituents of *Artocarpus altilis* from Vietnam and their antiausterity activity. 日本薬学会第 136 年会 ; 2016 Mar 26-29 ; 横浜.
- 14) 藤原博典, 韓 垚羽, 岡田 亮, スレスアワレ, 荒木良太, 矢部武士, 松本欣三. Daily administration of keishito prevents social isolation-induced impairments of sociability and attention-related behaviors in mice. 第 89 回日本薬理学会年会 ; 2016 Mar 9-11 ; 横浜.
- 15) Dibwe DF, Ueda J, Awale S. Drug discovery for pancreatic cancer: chemical constituents of *Uvaria dac* and their antiausterity activity against human pancreatic cancer cell lines. The 8th Takeda Science Foundation Symposium on Pharma Sciences; 2016 Jan 21-22; Osaka.