

○修了者の博士論文名、学術雑誌への掲載状況、進路状況

| 年次 | 博士論文名 | 学術雑誌への掲載状況 | | | 修了者の進路状況 |
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| | | タイトル | 雑誌名 | 暦年・掲載号・頁 | |
| ① | アーユル・ヴェーダ伝承薬物を素材とした機能性小分子の探索研究 —オトメアゼナ, オオバゲツキツ, チャの含有成分— | Chemical structures of constituents from the whole plant of <i>Bacopa monniera</i> . | J. Nat. Med. | 70, 404–411 (2016) | <ul style="list-style-type: none"> ・大学教員: 6名 ・病院薬剤師: 3名 ・その他企業: 1名 ・薬局薬剤師: 1名 |
| | | Acylated oleanane-type triterpene oligoglycosides from the flower buds of <i>Camellia sinensis</i> var. <i>assamica</i> . | Tetrahedron | 71, 846–851 (2015) | |
| | | Alkaloids from Sri Lankan curry-leaf (<i>Murraya koenigii</i>) display melanogenesis inhibitory activity: structures of karapinchamines A and B. | Bioorg. Med. Chem. Lett. | 21, 1043–1049 (2013) | |
| | | Caffeic acid derivatives from <i>Bacopa monniera</i> plants as inhibitors of pancreatic lipase activity and their structural requirements. | Nat. Prod. Commun. | 11, 1855–1858 (2016) | |
| ② | メディシナルフラワーを素材として用いた新規生体機能性成分の探索研究 | γ -Lactam alkaloids from the flower buds of daylily. | J. Nat. Med. | 70, 376–383 (2016) | |
| | | A rare glutamine derivative from the flower buds of Daylily. | Org. Lett | 16, 3076–3078 (2014) | |
| | | Structures of constituents isolated from the flower buds of <i>Cananga odorata</i> and their inhibitory effects on aldose reductase. | J. Nat. Med. | 68, 709–716, (2014) | |
| | | Structures of lignan dicarboxylates and terpenoids from the flower buds of <i>Cananga odorata</i> and their inhibitory effects on melanogenesis. | J. Nat. Prod. | 77, 990–999 (2014) | |
| | | Alkaloid constituents from flower buds and leaves of sacred lotus (<i>Nelumbo nucifera</i> , <i>Nymphaeaceae</i>) with melanogenesis inhibitory activity in B16 melanoma cells. | Bioorg. Med. Chem. | 21, 779–787 (2013) | |

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| ③ | <i>N</i> -アシルアミノ酸塩及び <i>N</i> -アシルタウリン塩による骨粗鬆症治療薬アレンドロネートの消化管吸収性の改善及び吸収促進機構の解明 | Enhanced oral delivery of bisphosphonate by novel absorption enhancers: Improvement of intestinal absorption of alendronate by <i>N</i> -acyl amino acids and <i>N</i> -acyl taurates and their absorption-enhancing mechanisms. | J. Pharm. Sci. | 2016・105・3680-3690 | <ul style="list-style-type: none"> ・大学教員: 6名 ・病院薬剤師: 3名 ・その他企業: 1名 ・薬局薬剤師: 1名 |
| ④ | γ -グルタミルシクロトランスフェラーゼ (GGCT) 欠乏によるサイクリン依存性キナーゼ阻害因子の発現上昇に依存したがん細胞老化の誘導 | Depletion of γ -glutamylcyclotransferase inhibits breast cancer cell growth via cellular senescence induction mediated by CDK inhibitor upregulation | BMC Cancer | (2016) 16, 748 | |
| ⑤ | 2,5-二置換THF環形成における分子内oxypalladation およびoxy-Michael 反応の立体化学と反応機構 | Stereochemistry of Pd ^{II} -Catalyzed THF Ring Formation of ϵ -Hydroxy Allylic Alcohols and Synthesis of 2,3,5-Trisubstituted and 2,3,4,5-Tetrasubstituted Tetrahydrofurans | J.Org.Chem. | 2016, 81 (17), 7471-7485 | |
| | | Base- and acid-catalyzed intramolecular oxy-Michael reaction for the synthesis of tetrahydrofuran ring | Tetrahedron | 72, 4962-4967 (2016) | |
| ⑥ | 疎水性化合物の高感度分析を可能とするポリジアセチレンリポソーム型イクオリン発光デバイスの開発 | Polydiacetylene liposomal aequorin bioluminescent device for detection of hydrophobic compounds | Analytical Chemistry | 88, 5704-5709 (2016) | |
| ⑦ | 抗がん剤誘発性味覚障害に関する基礎的研究 | Oxaliplatin alters expression of T1R2 receptor and sensitivity to sweet taste in rats. | Biol Pharm Bull | 2016 39, 578-586 | |
| | | Bortezomib alters sour taste sensitivity in mice. | Toxicol Rep | 2017, in press | |

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| ⑧ | 培養細胞モノレイヤの透過における緑膿菌のIV型線毛の機能に関する研究 | The pilT gene contributes to type III ExoS effector injection into epithelial cells in Pseudomonas aeruginosa. | J. Infect. Chemother. | 2015, 22(4):216-220. | <ul style="list-style-type: none"> ・大学教員:6名 ・病院薬剤師:3名 ・その他企業:1名 ・薬局薬剤師:1名 |
| ⑨ | 神経膠芽腫幹細胞を標的とした新規治療分子としてのイオン輸送関連分子の可能性 | Inhibition of monocarboxylate transporter 1 suppresses the proliferation of glioblastoma stem cells. | J Physiol Sci (Journal of Physiological Science) | 2016・66(5)・387-396 | |
| ⑩ | 数理モデルを用いたがん化学療法における医薬品評価に関する研究 | Time-series modeling and simulation for comparative cost-effective analysis in cancer chemotherapy: an application to platinum-based regimens for advanced non-small cell Lung cancer. | Biol Pharm Bull | 2017,40, 73-81 | |
| | | Population pharmacodynamic model for Bayesian prediction of myelosuppression profiles based on routine clinical data after gemcitabine and carboplatin treatment. , | Pharmacology | 2016, 98, 284-293 | |
| ⑪ | 新規腫瘍標的化技術開発を目指したエクソソームのがん細胞指向性解析 | Effective internalization of U251-MG-secreted exosomes into cancer cells and characterization of their lipid components | Biochemical and Biophysical Research Communications | 2015, 456, 768-773 | |