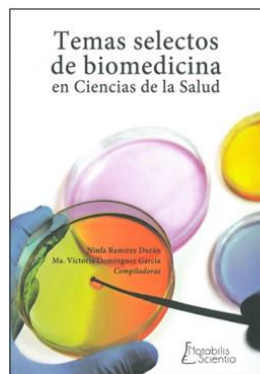
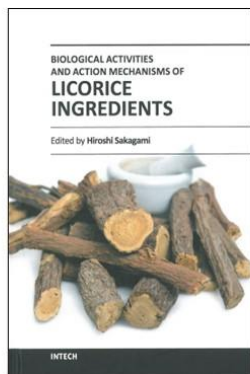


発表論文・総説・書籍 (From 2017.4.1)

2024.11.8 現在



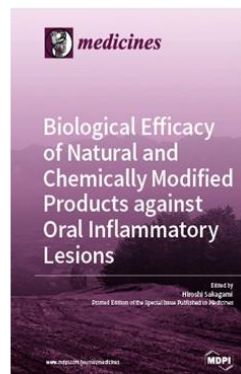
August 2017



April 2017



技術評論社、2019年4月27日、ISBN 978-4-297-10491-7 C3055



ISBN 978-3-03897-992-0 (Pbk); ISBN 978-3-03897-993-7 (PDF)
<https://doi.org/10.3390/books978-3-03897-993-7> (registering DOI) / © 2019 by the authors; CC BY-NC-ND licence.
Hiroshi Sakagami (Ed.)
Pages: 212 Published: June 2019



ISBN 978-3-0365-3685-9 (Hbk); ISBN 978-3-0365-3686-6 (PDF)
<https://doi.org/10.3390/books978-3-0365-3686-6> Hiroshi Sakagami (Ed.) Pages: 480, Published: May 2022

2024

- 1 坂上宏、千葉直樹：スターターとデベロッパー：天命「を知り「極める」、New Food Industry 66 (1), 43-49, 2024
- 2 Das S, Roayapalley PK, **Sakagami H**, Umemura N, Gorecki DKJ, Hossain M, Kawase M, Das U, Dimmock JR. Dimeric 3,5-Bis(benzylidene)-4-piperidones: Tumor-Selective Cytotoxicity and Structure-Activity Relationships. Medicines 2024, 11, 3. <https://doi.org/10.3390/medicines11010003>
- 3 AAl Awadh AA, **Sakagami H**, **Amano S**, Sayed AM, Abouelega ME, Alhasaniah AH, Aldabaan N, Refaey MS, Abdelhamid RA, Khalil HMA, Hamdan DI, Abdel-Sattar ES, Orabi MAA. In vitro cytotoxicity of Withania somnifera (L.) roots and fruits on oral squamous cell carcinoma cell lines: a study supported by flow cytometry, spectral, and computational investigations Front Pharmacol. 2024 Jan 18;15:1325272. doi: 10.3389/fphar.2024.1325272. eCollection 2024. PMID: 38303989
- 4 Morikawa M, Uehara S, Yoshida A, **Sakagami H**, Masuda Y: Photodynamic Therapy With Resveratrol and an Nd:YAG Laser for Enterococcus faecalis Elimination. In Vivo. 2024 Mar-Apr;38(2):559-566. doi:10.21873/invivo.13474. PMID: 38418153
- 5 **Sakagami H**, Fujisawa M, Kobayashi M, Narumi F, Miyazaki Y, Shin K, Yasui T, Nagayama M, Fujiwara S, Den I, Ohtomo K, Miyata J, Nkosinathi M, Siebrits KD, Gabrielle L, Jane KC, Bongani M, Fay DME, Vuyokazi KB, Ngum MS, Thembeke MA, Nicole M, Suvarna I, Tokwe L, Lalloo BU, Jeppie G, The importance of international communication skills—Student/Faculty Exchange Program with University of the Western Cape. New Food Industry 66 (4), 229-241, 2024.
- 6 Inomata M, Abe M, Kawase Y, Hayashi T, Amano S and **Sakagami H**: Dectin-1/SYK Activation Induces Antimicrobial Peptide and Negative Regulator of NF-κB Signaling in Human Oral Epithelial Cells. In Vivo 38 (3): 1042-1048;, 2024.
- 7 Kato T and **Sakagami H**: Augmentation of Therapeutic Efficacy of Extraction of Causative Teeth by Irrigation for Odontogenic Maxillary Sinusitis. In Vivo 38 (3): 1236-1242, 2024 DOI: <https://doi.org/10.21873/invivo.13560>

- 8 **Sakagami H.** Medicines-Aims and Scope Updates. *Medicines (Basel)*. 2024 May 14;11(5):11. doi: 10.3390/medicines11050011.
- 9 **Sakagami H.** Toru Nikaido T, Kadokura H, Yokose S, Uota S, Nakajima H, Yasui T, Ohtomo, K Den I, Miyata J, Scougall-Vilchis RJ, Bermeo-Escalona J, Arizmendi J, Garcia-Blanquel M, Perez JCG, Gonzalez-Solano F, Garcia-Garduño R, Acra AM, Valdez B, Vargas L, Bastida NMM, Cisneros J, Sánchez SGMER, Reynoso MO, Tavira JA, Bautista-Martinez D, Auchinston AJ, Jimenez-Bueno I, Garcia-Contreras R, Rodriguez-Vilchis LE, Delgado MPZ and Velázquez-Enriquez U, Attending the 60th anniversary celebration of The Universidad Autónoma del Estado de México *New Food Industry* 66(6): 35-358, 2024
- 10 **Sakagami H.** Identification of potent anti-tumor, anti-HIV and anti-UVC entities among hundreds of natural and synthetic products. *New Food Industry* 66(6): 359-368, 2024.
- 11 Amano S, Matsumoto M, Morimoto M, Kawamoto H, Takeshita F, Yasui T, **Sakagami H.** Efficacy of toothpaste containing Brazilian green propolis extracts with an optimal kaempferide/betuletol ratio for improving oral microbiota: A randomized, controlled, paired crossover study. *J Ethnopharmacol*. 2024 Aug 28;118762. doi: 10.1016/j.jep.2024.118762.
- 12 **坂上宏**、堀内美咲、勝呂まどか、戸枝一喜、大泉高明：培養細胞を用いた抗老化作用の評価系の開発—クマザサアルカリ抽出液は試験管内老化を抑制する。 *New Food Industry* 66 (10), 615-620, 2024.
- 13 Acra AM, Uota S, Yoshihara M, Murakami Y, **Sakagami H.** Potential Medicinal Efficacy of Pine Seed Shell Alkaline Extract: Long-term Anti-UVC Activity and Macrophage Activation. *In Vivo* 38 (6), 2629-2638, 2024.
- 14 Karki SS, Das U, Balzarini J, De Clercq E, **Sakagami H.** Uesawa Y, Roayapalley PK and Dimmock JR: Does ortho substitution enhance cytotoxic potencies in a series of 3,5-bis(benzylidene)-4-piperidones? *Medicines* 2024, 11, 19.
- 15 Iijima Y, Yamada M, Amano M, Watanabe S, Fujimaru M, Uematsu A, Hino S, Sano M, Horie N, **Sakagami H.** Kaneko T: Dental hygienists' awareness of medication-related osteonecrosis of the jaw in private dental clinics in Japan. *Gerontology and Geriatric Medicine* 10, 1-7, 2024 DOI: 10.1177/23337214241292794.
- 16 井澤真希、大高祐聖、**坂上宏**、**魚田慎**、須永克佳、鈴木龍一郎、芝規良、高橋伸年、崎山浩司、河野哲、田いづみ、藤原周、中畠裕、大友克之、宮田淳、Suvama Indermun、Veerasamy Yengopal、Umesh Bawa、Ghaleeb Jeppie、鬼頭慎司、アルカリ性塩溶液による効率的なルイボス由来 UVC 保護物質の回収 *New Food Industry* 66 (12): 751-762, 2024.
- 17 Koji Sakiyama, **Hiroshi Sakagami**, Satoshi Kawano, Katsuyuki Ohtomo, Maki Izawa, Yusei Otaka, Shinji Kito, Hiroshi Nakajima, Shu Fujiwara, Izumi Den, Jun Miyata, Katsuyoshi Sunaga, Ryuichiro Suzuki, Suvama Indermun, Veerasamy Yengopal, Umesh Bawa, Ghaleeb Jeppie. Visit to UWC, and presentation of Anti-UVC potential of Rooibos in SAJU6 *New Food Industry* 66 (12): 763-773, 2024.
- 18 **坂上宏**、齋田圭子、三間修、越川拓郎、浅井大輔、竹村弘、金本大成、齋田イヌトウキ® (日本山人参)の瞬間的 HIV 不活化作用 *New Food Industry* 66 (12) 747-750, 2024

2023

- 19 **坂上 宏**、老化とフレイル—フレイルに対処するには — 特集：オーラルフレイルの予防と生活習慣、*New Food Industry* 65(1): 53-59, 2023
- 20 Muñoz-Vazquez J, Chavez-Granados PA, Hernandez-Gomez G, Scougall-Vilchis RJ, **Sakagami H** and Garcia-Contreras R. Effects of Nitrurized Titanium on Microhardness and Human Dental Pulp Stem Cell Adhesion and Differentiation. *J Long Term Eff Med Implants* 33(2):31–39 (2023). DOI: 10.1615/JLongTermEffMedImplants.2022044424
- 21 Kato T and **Sakagami H.** Efficacy of Cryotherapy and Hangeshashinto for Radiation-induced Oral Stomatitis: Preliminary Study. *In Vivo* 37(2): 830-835, 2023. doi: 10.21873/invivo.13149. PMID: 36881064
- 22 Acra AM, Uota S and **Sakagami H.** Japanese and Mexican Food. *New Food Industry* 65(4): 227-240, 2023
- 23 小田慎太郎、猪俣恵、**坂上宏**：歯周病とヒト口腔ウイルス叢の関連性、*New Food Industry* 65(4): 241-244, 2023

- 24 Izawa M, Otaka Y, **Sakagami H**, **Tanuma S-I**, **Amano S**, **Uota S**, Inomata M, Kato Y, Kadokura H, Yokose S, Sunaga K, Koga-Ogawa Y, Nakaya G and Kito S: Comprehensive Study of Anti-UVC Activity and Cytotoxicity of Hot-water Soluble Herb Extracts. *In Vivo* 37(4):1540-1551, 2023. doi: 10.21873/invivo.13239. PMID: 37369486
- 25 Yamada M, Iijima Y, Seo M, Hino S, Sano M, **Sakagami H**, Horie N, Kaneko T: Cancer Chemotherapy-associated Pigmentation of the Oral Mucosa. *In Vivo* 37(4):1880-1885, 2023. doi: 10.21873/invivo.13280. PMID: 37369479
- 26 Abe T, **Sakagami H**, **Amano S**, **Uota S**, Bandow K, Uesawa Y, U S, Shibata H; Takemura Y, Kimura Y, Takao K, Sugita Y, Sato A, **Tanuma S-I**, Takeshima H. A Comparative Study of Tumor-Specificity and Neurotoxicity between 3-Styrylchromones and Anti-Cancer Drugs. *Medicines* 2023, 10, 43. <https://doi.org/10.3390/medicines1007004>
- 27 Tagawa Y, **Sakagami H**, **Tanuma S-I**, **Amano S**, **Uota S**, Bandow K, Tomomura M, Uesawa Y, Takao K, Sugita Y, Yamamoto N, Sakashita H, Nakakaji R, Koizumi T, Mitsudo K and Tohnai I: Potentiation of Anticancer Activity of G2/M Blockers by Mild Hyperthermia. *Anticancer Res* 43 (8): 3429-3439, 2023. doi:10.21873/anticancer.16518.
- 28 Jimenez-Bueno I, Garcia-Contreras R, Aranda-Herrera B, **Sakagami H**, Lopez-Ayuso CA, Nakajima H, Jurado CA and Nurrohman H: Cytotoxicity, Differentiation, and Biocompatibility of Root-End Filling: A Comprehensive Study. *Biomimetics* 2023, 8, 514. <https://doi.org/10.3390/biomimetics8070514>
- 29 Lopez-Ayuso CA, **Uota S**, Acra AM, Kobayashi M, Acosta-Torres LS, Garcia-Contreras R and **Sakagami H**: Briding Mexico and Japan: Exploring the significance of research stays. *New Food Industry* 65(11) 664-668, 2023.
- 30 Orabi MAA, Orabi EA, Awadh AAA, Alshahrani MM, Abdel-Wahab BA, **Sakagami H** and Hatano T. New Megastigmane and Polyphenolic Components of Henna Leaves and Their Tumor-Specific Cytotoxicity on Human Oral Squamous Carcinoma Cell Lines. *Antioxidants* 2023, 12, 1951. doi: 10.3390/antiox12111951 PMID: 38001804
- 31 Otaka Y, Izawa M, **Sakagami H**, Shiba N, Takahashi N, **Tanuma S**, **Amano S**, **Uota S**, Inomata M, Yokose S, Sunaga K, Hayashi S, Koga-Ogawa Y, Nakaya G and Kito S: *In Vivo* 37(6), 2464-2472, 2023
- 32 坂上宏、魚田慎、天野滋、田沼靖一、猪俣恵、大高 祐聖、井澤 真希、鬼頭 慎司、須永 克佳、鈴木 龍一郎、小川 由香里、上田 大輔、延澤 忠真、中谷 儀一郎: 3大学連携プロジェクト: コロナ禍における安全で持続性のある UVC 保護物質の探索、*New Food Industry* 65 (12), 705-712, 2023
- 33 Suzuki R, Shirataki Y, Tomomura A, Bandow K, **Sakagami H** and Tomomura M: Isolation of Pro-Osteogenic Compounds from *Euptelea polyandra* That Reciprocally Regulate Osteoblast and Osteoclast Differentiation. *Int. J. Mol. Sci.* 2023, 24, 17479. doi: 10.3390/ijms242417479

2022

- 34 坂上宏、コロナ禍 2 年目を終えて、新春随想、*New Food Industry*, 64(1): 51-53、2022.
- 35 松田玲於奈、坂上宏、田村暢章、飯島洋介、佐野元彦、竹島浩、コーヒー成分の神経保護作用とその特異性、*New Food Industry* 64(2), 91-96, 2022.
- 36 坂上宏、福地邦彦、浅井大輔、金本大成、越川拓郎、竹村弘、猪俣恵 相見光、吉川裕治、リグニンスルホン酸塩の瞬間的ウイルス不活化作用、*New Food Industry* 64(2), 106-110, 2022.
- 37 Matsuda R, **Sakagami H**, **Amano S**, Iijima Y, Sano M, Uesawa Y, Tamura N, Oishi Y and Takeshima H. Inhibition of Neurotoxicity/Anticancer Activity of Bortezomib by Caffeic Acid and Chlorogenic Acid. *Anticancer Res.* 2022 Feb;42(2):781-790. doi: 10.21873/anticancer.15536. PMID: 35093876
- 38 Wada K, Kawano M, Hemmi Y, Suzuki R, Kunoki K, **Sakagami H**, Kawazu H, Yokose S. Effect of Low-intensity Pulsed Ultrasound on Healing of Bone Defects in Rat Tibia as Measured by Reconstructed Three-dimensional Analysis of Micro CT Images. *In Vivo.* 2022 Mar-Apr;36(2):643-648. doi: 10.21873/invivo.12748. PMID: 35241517
- 39 Naitoh K, Orihara Y, **Sakagami H**, Miura T, Satoh K, **Amano S**, Bandow K, Iijima Y, Kurosaki K, Uesawa Y, Hashimoto M, Wakabayashi H. Tumor-Specificity, Neurotoxicity, and Possible Involvement of the Nuclear Receptor Response Pathway of 4,6,8-Trimethyl Azulene Amide Derivatives. *Int J Mol Sci.* 2022 Feb 26;23(5):2601. doi: 10.3390/ijms23052601. PMID: 35269748

- 40 Roayapalley PK, Dimmock JR, **Sakagami H**, Okudaira N, Sharma RK, Das U. 1-[4-(2-Dimethylaminoethoxy)phenylcarbonyl]-3,5-Bis(3,4,5-Trimethoxybenzylidene)-4-Piperidone hydrochloride and Related Compounds: Potent Cytotoxins Demonstrating Greater Toxicity to Neoplasms Than Non-Malignant Cells. *Med Chem*. 2022 Mar 22. DOI: 10.2174/1573406418666220322154110 PMID: 35319387
- 41 **Tanuma SI**, Oyama T, Okazawa M, Yamazaki H, Takao K, Sugita Y, **Amano S**, Takehiko Abe T, **Sakagami H**, A Dual Anti-Inflammatory and Anti-Proliferative 3-Styryl-chromone Derivative Synergistically Enhances the Anti-Cancer Effects of DNA-Damaging Agents on Colon Cancer Cells by Targeting HMGB1-RAGE-ERK1/2 Signaling. *Int J Mol Sci*. 2022 March 22;23(7):3426. doi: 10.3390/ijms23073426
- 42 Hossain M, Roayapalley PK, **Sakagami H**, Satoh K, Bandow K, Das U, Dimmock JR: Dichloroacetyl Amides of 3,5-Bis(benzylidene)-4-piperidones Displaying Greater Toxicity to Neoplasms than to Non-Malignant Cells. *Medicines (Basel)*. 2022 Jun 8;9(6):35. doi: 10.3390/medicines9060035. PMID: 35736248
- 43 Special Issue “Research Topics in Medicines and How Our Board Members Are Engaged in Them” ISBN 978-3-0365-3685-9 (Hbk); ISBN 978-3-0365-3686-6 (PDF) <https://doi.org/10.3390/books978-3-0365-3686-6>**Hiroshi Sakagami (Ed.)** Pages: 480, Published: May 2022 (This book is a reprint of the Special Issue Research Topics in Medicines and How Our Board Members Are Engaged in Them that was published in Medicines)
- 44 松田玲於奈、**坂上宏**、田村暢章、飯島洋介、佐野元彦、竹島浩：カテコール化合物によるプロテアソー阻害剤ボルテゾミブの生物作用の抑制、*New Food Industry* 64(8): 531-536, 2022.
- 45 Yamali C, **Sakagami H**, Satoh K, Bandow K, Uesawa Y, Bua S, Angeli A, Supuran CT, Gul HI. Investigation of carbonic anhydrase inhibitory effects and cytotoxicities of pyrazole-based hybrids carrying hydrazone and zinc-binding benzenesulfonamide pharmacophores. *Bioorg Chem*. 2022 Oct;127:105969. doi: 10.1016/j.bioorg.2022.105969. Epub 2022 Jun 14. PMID: 35926240
- 46 Shindo A, Kusano M, **Sakagami H**, **Amano S**, Inomata M, Abe M, Okazawa M and Ooka T: Comparison of UVC Sensitivity and Dectin-2 Expression Between Malignant and Non-malignant Cells. *In Vivo* 36: 2116-2125, 2022. doi:10.21873/invivo.12937 PMID: 36099100
- 47 Abe M, Inomata M and **Sakagami H**: Fungal infection in the oral cavity. Review *New Food Industry* 64 (10): 645-653, 2022
- 48 Chhikara A, Roayapalley PK, **Sakagami H**, **Amano S**, Satoh K, Uesawa Y, Das U, Das S, Borrego EA, Guarena CD, Hernandez CR, Aguilera RJ, Dimmock JR. Novel Unsymmetric 3,5-Bis(benzylidene)-4-piperidones That Display Tumor-Selective Toxicity. *Molecules*. 2022 Oct 9;27(19):6718. doi: 10.3390/molecules27196718. PMID: 36235258
- 49 Tamura N, Mizuno K, Suzuki R, Sugimoto M, Eomoto A, Ota S, Kaneko M, **Sakagami H**, Takeshma H. Effect of Underwater Exercise on Salivary Metabolites of Older Persons With Disability. *In Vivo* 36(6), 2678-2688, 2022, doi: 10.21873/invivo.13003. PMID: 36309405
- 50 **Sakagami H**, **Amano S**, **Uota S**, **Tanuma S**, Inomata M, Shindo A, Kusano M, Kikkawa Y, Horiuchi M and Ooka T. Prominent Anti-UVC Activity of Lignin Degradation Products. *In Vivo* 36(6): 2689-2699, 2022 doi: 10.21873/invivo.13004. PMID: 36309360
- 51 Inomata M, Amano S, Abe M, Hayashi T and **Sakagami H**: Innate immune response of human periodontal ligament fibroblasts via the Dectin-1/Syk pathway. *J Med Microbiol* 71(12), 2022, <https://doi.org/10.1099/jmm.0.001627>

2021

- 52 **坂上宏**、新春巻頭言：コロナ禍での生活設計、*New Food Industry* 63(1), 1-2, 2021.
- 53 Yokose S, Kato Y, Matsumoto K, Klokkevold PR, Takei HH, Kawazu H, **Sakagami H**. Enamel Matrix Derivative in Diffusion Chamber Implanted Subcutaneously in Rat Induces Formation of Fibrous Connective Tissue Containing Abundant Blood Vessels. *In Vivo*. 2021 Jan-Feb;35(1):313-317. doi: 10.21873/invivo.12261. PMID: 33402479
- 54 Yamali C, **Sakagami H**, Uesawa Y, Kurosaki K, Satoh K, Masuda Y, Yokose S, Ece A, Bua S, Angeli A, Supuran CT, Gul HI. Comprehensive study on potent and selective carbonic anhydrase inhibitors: Synthesis, bioactivities

- and molecular modelling studies of 4-(3-(2-arylidenehydrazine-1-carbonyl)-5-(thiophen-2-yl)-1H-pyrazole-1-yl) benzenesulfonamides. *Eur J Med Chem.* 2021 Mar 6;217:113351. doi: 10.1016/j.ejmech.2021.113351. PMID: 33744685
- 55 Abe H, Okazawa M, Oyama T, Yamazaki H, Yoshimori A, Kamiya T, Tsukimoto M, Takao K, Sugita Y, **Sakagami H**, Abe T, **Tanuma SI**. A Unique Anti-Cancer 3-Styrylchromone Suppresses Inflammatory Response via HMGB1-RAGE Signaling. *Medicines (Basel).* 2021 Mar 24;8(4):17. doi: 10.3390/medicines8040017. PMID: 33805209
- 56 **坂上宏**、COVID-19 禍の「多様性の再考」序文に代えて、*New Food Industry* 63 (4), 317-318, 2021
- 57 **坂上宏**、協力者：小山町役場（鈴木新一）、小山町観光協会、道の駅ふじおやま、富士山との対話：足柄から道の駅「ふじおやま」へ、*New Food Industry* 63 (4), 336-341, 2021
- 58 Orabi MAA, **Sakagami H**, Umemura N, Alyami HS, Hatano T. Two new C-glycosidic ellagitannins and accompanying tannins from *Lawsonia inermis* leaves and their cytotoxic effects. *Fitoterapia.* 2021 May 10:104925. doi: 10.1016/j.fitote.2021.104925. Online ahead of print. PMID: 33984438
- 59 **Sakagami H**, Nakatani S, Enomoto A, Ota S, Kaneko M, Sugimoto M, Horiuchi M, Toeda K, Oizumi T. Multi-Omics Analysis of Anti-Inflammatory Action of Alkaline Extract of the Leaves of *Sasa* sp. *J Clin Med.* 2021 May 13;10(10):2100. doi: 10.3390/jcm10102100. PMID: 34068182.
- 60 Okazawa M, Oyama T, Abe H, Yamazaki H, Yoshimori A, Tsukimoto M, Yoshizawa K, Takao K, Sugita Y, Kamiya T, Uchiumi F, **Sakagami H**, Abe T, **Tanuma SI**. A 3-styrylchromone converted from trimebutine 3D pharmacophore possesses dual suppressive effects on RAGE and TLR4 signaling pathways. *Biochem Biophys Res Commun.* 2021 Jun 7;566:1-8. doi: 10.1016/j.bbrc.2021.05.096. Online ahead of print. PMID: 34111666
- 61 **Sakagami H**, Furukawa T, Satoh K, Amano S, Iijima Y, Koshikawa T, Asai D, Fukuchi K, Takemura H, Kanamoto T, Yokose S. Re-Evaluation of Chemotherapeutic Potential of Pyoktanin Blue, *Medicines* 2021, 8(7), 33; <https://doi.org/10.3390/medicines8070033>
- 62 **坂上宏**、中谷祥恵、榎本文芽、太田紗菜、金子未来、杉本昌弘、堀内美咲、戸枝一喜、大泉高明：クマ笹葉アルカリ抽出液（ササヘルス®）の抗炎症作用のマルチオミクス分析、*New Food Industry* 63(7): 494-500, 2021.
- 63 Zhu L, Shi H, Sugimoto M, Bandow K, **Sakagami H**, **Amano S**, Deng H, Ye Q, Gai Y, Xin X and Xu Z. Feiyanning Formula Induces Apoptosis of Lung Adenocarcinoma Cells by Activating the Mitochondrial Pathway. *Front. Oncol.*, 02 July 2021 <https://doi.org/10.3389/fonc.2021.690878>
- 64 Yamali C, Inci Gul H, Ozli G, Angeli A, Ballar Kirmizibayrak P, Erbaykent Tepedelen B, **Sakagami H**, Bua S, Supuran CT. Exploring of tumor-associated carbonic anhydrase isoenzyme IX and XII inhibitory effects and cytotoxicities of the novel N-aryl-1-(4-sulfamoylphenyl)-5-(thiophen-2-yl)-1H-pyrazole-3-carboxamides. *Bioorg Chem.* 2021 Jul 23;115:105194. doi: 10.1016/j.bioorg.2021.105194. Online ahead of print. PMID: 34365059
- 65 Orabi MAA, Zidan SAH, **Sakagami H**, Murakami Y, Ali AA, Alyami HS, Alshabi AM, Matsunami K. Antileishmanial and lung adenocarcinoma cell toxicity of *Withania somnifera* (Linn.) dunal root and fruit extracts. *Nat Prod Res.* 2021 Sep 14;1-7. doi: 10.1080/14786419.2021.1973462.
- 66 **坂上宏**、猪俣恵、中谷祥恵、福地邦彦、戸枝一喜、堀内美咲、藤澤知弘、増井雅子、勝呂まどか、川端浩平、宮田悠理、安田馨、大泉浩史、大泉高明、安井利一：ササヘルス®の効能、*New Food Industry* 63 (10): 722-741, 2021
- 67 Fukuchi K, Koshikawa T, Asai D, Inomata M, **Sakagami H**, Takemura H, Kanamoto T, Aimi H, Kikkawa Y. Lignosulfonate Rapidly Inactivates Human Immunodeficiency and Herpes Simplex Viruses. *Medicines (Basel).* 2021 Oct 3;8(10):56. doi: 10.3390/medicines8100056. PMID: 34677485
- 68 Tatsuno S, Iguchi T, Kuroda M, Ishihara M, **Sakagami H**, Mimaki Y. A new and 23 known cardenolide glycosides from *Thevetia neriifolia* seeds and their cytotoxic activities against human oral carcinoma cell lines. *Nat Prod Res.* 2021 Nov;35(22):4388-4393. doi: 10.1080/14786419.2020.1716352. Epub 2020 Jan 22. PMID: 31967486
- 69 Roayapalley PK, Dimmock JR, Contreras L, Balderrama KS, Aguilera RJ, **Sakagami H**, **Amano S**, Sharma RK, Das U. Design, Synthesis and Tumour-Selective Toxicity of Novel 1-[3-{3,5-Bis(benzylidene)-4-oxo-1-piperidino}-3-oxopropyl]-4-piperidone Oximes and Related Quaternary Ammonium Salts. *Molecules.* 2021 Nov 25;26(23):7132. doi: 10.3390/molecules26237132. PMID: 34885719
- 70 Roayapalley PK, **Sakagami H**, Satoh K, **Amano S**, Bandow K, Aguilera RJ, Hernandez KGC, Schiaffino

Bustamante AY, Dimmock SG, Sharma RK, Das U, Dimmock JR. Cytotoxic Tumour-Selective 1,5-Diaryl-3-Oxo-1,4-Pentadienes Mounted on a Piperidine Ring. *Medicines (Basel)*. 2021 Dec 16;8(12):78. doi: 10.3390/medicines8120078. PMID: 34940290

2020

- 71 **坂上宏** : いま求められている多様性を考える ～3 大学連携シンポジウムより、*New Food Industry* 62(1): 49-51, 2020.
- 72 佐々木悠、鈴木光雄、岡部葉子、渡辺秀司、遠山歳三、両角旦、**坂上宏**、浜田信城 : 漢方の効能～口腔内外科処置に対する鶏血藤配合剤の利用について、*New Food Industry* 62(1): 45- 48, 2020.
- 73 Takao K, Hoshi K, **Sakagami H**, Shi H, Bandow K, Nagai J, Uesawa Y, Tomomura A, Tomomura M and Sugita Y: Further quantitative structure-cytotoxicity relationship analysis of 3-styrylchromones. *Anticancer Res* 40 (1): 87-95, 2020. PMID: 31892556 DOI: 10.21873/anticancerres.13929
- 74 渡辺秀司、両角旦、高橋慶壮、浜田信城、鈴木光雄、遠山歳三、佐々木悠、岡部葉子、北原文子、**坂上宏** : 漢方の効能、マスティック樹脂の薬理活性と臨床応用、*New Food Industry* 62(2), 133-137, 2020.
- 75 Doldo T, Ooka T, Takanashi H, Yamamoto N, and **Sakagami H**. School cafeteria in the world (5) - University of Siena (UNISI) *New Food Industry* 62(2), 125-129, 2020.
- 76 Shi H and **Sakagami H**: Chinese yam for medicine and food. *New Food Industry* 62 (3), 224-226, 2020.
- 77 Paulino-González Á, **Sakagami H**, García-Contreras R, Iijima Y and Kobayashi M: Importance of international communication skills ~ Experience and overview of a Mexican student in academic exchange at Meikai University. *New Food Industry* 62 (3), 233-235, 2020.
- 78 両角旦、渡辺秀司、浜田信城、鈴木光雄、遠山歳三、佐々木悠、鈴木直美、**坂上宏** : 漢方の効能、細胞傷害性物質の除去およびティートリー精油の 細胞傷害性物質の除去およびティートリー精油の 配合によるマスティック薬効の増大の試み、*New Food Industry* 62 (3): 227-231, 2020.
- 79 佐々木悠、渡辺秀司、片岡加奈子、両角旦、鈴木光雄、遠山歳三、**坂上宏**、浜田信城 : 漢方の効能、グレープフルーツ種子抽出液の殺菌効果と臨床応用、*New Food Industry* 62(4): 285-288, 2020
- 80 Xiao L, Sakagami H and Miwa N: ACE2: The key Molecule for Understanding the Pathophysiology of Severe and Critical Conditions of COVID-19: Demon or Angel? *Viruses* 2020, 12, 491; doi:10.3390/v12050491 28 April 2020
- 81 渡辺秀司、浜田信城、鈴木光雄、遠山歳三、佐々木悠、**坂上宏**、堀江憲夫 : 漢方の効能、立効散新症例、*New Food Industr* 62 (5): 373-377, 2020
- 82 Nakaya G, **Sakagami H**, Koga-Ogawa Y, Shiroto A, Nobesawa T, Ueda D, Nakatani S, Kobata K, Iijima Y, Tone S, David-Gonzalez A, Garcia-Contreras R, Tomomura M, Kito S, Tamura N and Takeshima H; Augmentation of Neurotoxicity of Anticancer Drugs by X-Ray Irradiation. *In Vivo* 34 (3): 1009-1016, 2020. May-June doi: 10.21873/invivo.11869. PMID: 32354886
- 83 Masuda Y, **Sakagami H**, Yokose S and Udagawa N: Effect of Small-molecule GSK3 Antagonist on Differentiation of Rat Dental Pulp Cells into Odontoblasts. *In Vivo* 34 (3): 1071-1075, 2020. May-June doi: 10.21873/invivo.11877.PMID: 32354894
- 84 Bilginer S, Gul HI, Erdal FS, Sakagami H and Gulcin I. New halogenated chalcones with cytotoxic and carbonic anhydrase inhibitory properties: 6-(3-Halogenated phenyl-2-propen-1-oyl)-2(3H)-benzoxazolones. *Arch Pharm (Weinheim)*. 2020 Jun;353(6):e1900384. doi: 10.1002/ardp.201900384 PMID: 32285546
- 85 斎田圭子、斎田悟、八幡由花紫、三間修、**坂上宏**、佐野愛子、鈴木龍一郎 : アピカ斎田イヌトウキ (日本山人参) 5~7 年根に豊富なアルギニンと GABA、*Food Industry* 62(6): 399-402, 2020
- 86 佐々木悠、渡辺秀司、片岡加奈子、両角旦、鈴木光雄、遠山歳三、浜田信城、**坂上宏** : 漢方の効能、十全大補湯の薬理作用と歯科治療への応用、*Food Industry* 62(6): 415--419, 2020
- 87 吉原正晶、中村功、**坂上宏** : モンゴルの食材と文化的交流、*Food Industry* 62(6): 426-428, 2020
- 88 **坂上宏** : 特別企画 ダイバーシティ・マネジメント : 新型コロナウイルス危機の影響と対処法について考える、誌上シンポジウム、*New Food Industry* 62(6): 429-431, 2020
- 89 戴秋娟 (Translated into English by **Sakagami H**) 新型コロナウイルスの流行で 変わったわれわれの生活

- New Food Industry 62 (6): 436-440, 2020
- 90 Rene Garcia-Contreras (Translated into Japanese by **Sakagami H**) How pandemic affect our life and how to deal with it? New Food Industry 62 (6): 445-447, 2020
- 91 Angel David Paulino-González (Translated into Japanese by **Sakagami H**) Impact and overview of the pandemic in Mexico. New Food Industry 62 (6): 452-455, 2020
- 92 Xiao LI, **Sakagami H**, Miwa N. A New Method for Testing Filtration Efficiency of Mask Materials Under Sneeze-like Pressure. In Vivo 34(3 Suppl):1637-1644, 2020. PMID: 32503823 doi: 10.21873/invivo.11955.
- 93 **坂上宏** : 「五葉松の粒」の抗ウイルス作用、健康 365 : **17(7)**: 92-95, 2020
- 94 Tugrak M, Gul HI, **Sakagami H** and Gulcin I: Synthesis, cytotoxic and carbonic anhydrase inhibitory effects of new 2-(3-(4-methoxyphenyl)-5-(aryl)-4,5-dihydro-1*H*-pyrazol-1-yl)benzo[*d*]thiazole derivatives. J Heterocyclic Chem, 2020. DOI:10.1002/jhet.3 07 April 2020|
- 95 島田明、牧浦啓輔、山本正次、福地邦彦、**坂上宏** : 松かさエキス配合試作品による 単純ヘルペスウイルス感染性の抑制、New Food Industry 62 (7): 497-501, 2020.
- 96 鈴木龍一郎、佐野愛子、粕谷優貴、白瀧義明、**坂上宏**、宮田順次 : 紹興酒の熟成に伴うアミノ酸代謝物の組成変化、New Food Industry 62 (7): 502-506, 2020.
- 97 Bautista-Martinez D, Yokose S, Scougall-Vilchis RJ and **Sakagami H**: Studying abroad:perspectives of Japan's daily life. New Food Industry 62 (7): 531-535, 2020.
- 98 Paulino-Gonzalez AD, **Sakagami H**, Bandow K, Kanda Y, Nagasawa Y, Hibino Y, Nakajima H, Yokose S, Amano O, Nakaya G, Koga-Ogawa Y, Shioto A, Nobesawa T, Ueda D, Nakatani S, Kobata K, Iijima Y, Ifuku S, Yamamoto M, Garcia-Contreras R: Biological Properties of the Aggregated Form of Chitosan Magnetic Nanoparticle. In Vivo 34(4):1729-1738, 2020. doi: 10.21873/invivo.11966. PMID: 32606141
- 99 Iijima Y, Bandow K, Amano S, Sano M, Hino S, Kaneko T, Horie N and **Sakagami H**. Protection of bortezomib-induced neurotoxicity by antioxidants. Anticancer Res 40(7): 3685-3696, 2020. doi: 10.21873/anticancer.14357. PMID: 32620607
- 100 田村暢章、**坂上宏**、松田玲於奈、竹島 浩、第 30 回日本老年歯科医学会学術大会に参加して～フレイルに対する対処法、New Food Industry 62(8): 589-593, 2020.
- 101 Shi H, Fukuchi K, Asai D, Terakubo S, Takemura H and **Sakagami H**: Quantification of antitumor, antiviral and neuroprotective activity of twenty Kampo preparations. New Food Industry 62(8): 599-607, 2020.

2019

- 102 Hara Y, Shiratuchi H, Kaneko T, **Sakagami H**. Search for drugs used in hospitals to treat stomatitis. Medicines (Basel). 2019 Jan 29;6(1). pii: E19. doi: 10.3390/medicines6010019. Review. PMID: 30699927 Published: 29 January 2019
- 103 Ozmen Ozgun D, Gul HI, Yamali C, **Sakagami H**, Gulcin I, Sukuroglu M, Supuran CT. Synthesis and bioactivities of pyrazoline benzensulfonamides as carbonic anhydrase and acetylcholinesterase inhibitors with low cytotoxicity. Bioorg Chem 84:511-517, 2018 2019 March
- 104 **坂上宏**、史海霞、堀内美咲、藤澤智弘、勝呂まどか、大泉浩史、大泉高明 : 解説 : クマ笹歯アルカリ抽出液およびポリフェノール類の神経保護作用とホルメシス効果の再評価 — 簡易調製法 (オーバーレイ法) により調製された PC12 神経分化細胞モデルを用いた解析、Re-evaluation of neuroprotective activity and hormesis effect of alkaline extract of leaves of Sasa sp. and polyphenols — Analysis with PC12 neuron model cells prepared by overlay method. New Food Industry 61 (2), 99-106, 2019.
- 105 Kadokura H, Yamazaki T, Masuda Y, Kato Y, Hasegawa A, **Sakagami H**, Yokose S. Establishment of a primary culture system of human periodontal ligament cells that differentiate into cementum protein 1-expressing cementoblast-like cells. In Vivo. 2019 Mar-Apr;33(2):349-352. doi: 10.21873/invivo.11480. PMID: 30804111
- 106 Watanabe S, Toyama T, Sato T, Suzuki M, Morozumi A, **Sakagami H** and Hamada N. Kampo therapies and the use of herbal medicines in the dentistry in Japan. Medicines 2019, 6(1), 34; <https://doi.org/10.3390/medicines6010034> (registering DOI) Published: 28 February 2019
- 107 増田宜子、**坂上宏**、門倉弘志、山崎崇秀、長谷川彰彦、横瀬敏志、クマザサ葉アルカリ抽出液 (ササヘ

- ルス®) とダイオードレーザーを用いた光線力学療法による抗菌効果に関する基礎的研究、日歯内療誌 40(1): 20-25, 2019. 公開日 2019.2.15
- 108 Nagai J, Imamura M, **Sakagami H** and Uesawa Y: QSAR prediction model to search for compounds with selective cytotoxicity against oral cell cancer. *Medicines* 2019, 6(2), 45; <https://doi.org/10.3390/medicines6020045> (registering DOI). Published: 1 April 2019
- 109 柴岡信一郎、渋井二三男、山下聖美、伊藤景、高野和彰、李容旭、名手久貴、近藤健史、**坂上宏**、友村美根子、大石隆介、神崎龍志、中井延美：入門テキスト、はじめての情報・メディア・コミュニケーション リテラシー、技術評論社、初版、第一冊 2019 年 4 月 27 日、ISBN 978-4-297-10491-7 C3055
- 110 **Sakagami H**: Introduction to the Special Issue “Biological Efficacy of Natural and Chemically Modified Products against Oral Inflammatory Lesions” Editorial, *Medicines* 2019, 6(2), 52; doi:10.3390/medicines6020052 Published: 28 April 2019
- 111 増田宜子、横瀬敏志、**坂上宏**、クマザサ抽出液(ササヘルス®)の歯髄細胞へ及ぼす影響について、*New Food Industry* 61 (5): 365-369, 2019
- 112 Special Issue "Biological Efficacy of Natural and Chemically Modified Products against Oral Inflammatory Lesions" ISBN 978-3-03897-992-0 (Pbk); ISBN 978-3-03897-993-7 (PDF) <https://doi.org/10.3390/books978-3-03897-993-7> (registering DOI) /© 2019 by the authors; CC BY-NC-ND licence. **Hiroshi Sakagami** (Ed.) Pages: 212 Published: June 2019 (This book is a printed edition of the Special Issue Biological Efficacy of Natural and Chemically Modified Products against Oral Inflammatory Lesions that was published in *Medicines*)
- 113 Gul HI, Tugrak M, Gul M, Mazlumoglu S, **Sakagami H**, Gulcin I, Supuran CT. New phenolic Mannich bases with piperazines and their bioactivities. *Bioorg Chem.* 2019 PMID: 31226471 doi: 10.1016/j.bioorg.2019.103057. Epub 2019 Jun 7
- 114 Imanari K, Hashimoto M, Wakabayashi H, Okudaira N, Bandow K, Nagai J, Tomomura M, Tomomura A, Uesawa Y, **Sakagami H**. Quantitative Structure-Cytotoxicity Relationship of Azulene Amide Derivatives. *Anticancer Res.* 2019 Jul;39(7):3507-3518. doi: 10.21873/anticancer.13497. PMID: 31262875
- 115 Uchida S, Kobayashi K, Ohno S, **Sakagami H**, Kohase H, Nagasaka H. Induction of Non-Apoptotic Cell Death by Adrenergic Agonists in Human Oral Squamous Cell Carcinoma Cell Lines. *Anticancer Res.* 2019 Jul;39(7):3519-3529. doi: 10.21873/anticancer.13498. PMID: 31262876
- 116 Kobayashi M, Nihonmatsu S, Okawara T, Onuki H, **Sakagami H**, Nakajima H, Takeishi H, Shimada J. Adhesion and Proliferation of Osteoblastic Cells on Hydroxyapatite-dispersed Ti-based Composite Plate. *In Vivo* 33(4):1067-1079, 2019. doi: 10.21873/invivo.11575. PMID: 31280194
- 117 **Sakagami H**, Katsumata A, Fujiwara S, Den I, Pheko M, Malan SF, Lamson D, Bawa U, Rhoda A, Gottgens P, Osman Y and Ohtomo K. School cafeteria in the world (4) – University of the Western Cape. *New Food Industry* *New Food Industry* Vol. 61 (No. 8) 637-647, 2019 (ISSN: 0547-0277)
- 118 **坂上宏**、虻川東嗣、友村美根子、大石隆介、白瀧義明、中谷祥恵、真殿仁美、小川由香里、天野修司、刀祢重信、飯島洋介、肖黎、エンジェル・パウリノ：組織の活性化と人材の育成～ 一分野を超えたコラボの必要性～ Improving the working environment and nurturing human resources: —Necessity of collaboration across fields—*New Food Industry* 61(9): 715-719, 2019
- 119 Yamali C, Gul HI, Ece A, Bua S, Angeli A, **Sakagami H**, Sahin E, Supuran CT. Synthesis, biological evaluation and in silico modelling studies of 1,3,5-trisubstituted pyrazoles carrying benzenesulfonamide as potential anticancer agents and selective cancer-associated hCA IX isoenzyme inhibitors. *Bioorg Chem.* 2019 PMID: 31499260 DOI: 10.1016/j.bioorg.2019.103222 Aug 28
- 120 Tugrak M, Gul HI, Bandow K, **Sakagami H**, Gulcin I, Ozkay Y, Supuran CT. Synthesis and biological evaluation of some new mono Mannich bases with piperazines as possible anticancer agents and carbonic anhydrase inhibitors. *Bioorg Chem.* PMID: 31288135 DOI: 10.1016/j.bioorg.2019.103095 Epub 2019 Jun 28
- 121 Orabi MAA, Orabi EA, Taniguchi S, **Sakagami H**, Yoshimura M, Amakura Y, Hatano T. Structures, NMR Spectroscopic Features, and Cytotoxic Properties of Oligomeric Hellinoyl (m-GO-m-GOG)-Type Ellagitannins from the Galls of *Tamarix aphylla*. *J Nat Prod.* 2019 Oct 25;82(10):2682-2695. doi: 10.1021/acs.jnatprod.9b00073. PMID: 31532650
- 122 Iguchi T, Kuroda M, Ishihara M, **Sakagami H**, Mimaki Y. Steroidal constituents isolated from the seeds of

- Withania somnifera. Nat Prod Res. 2019 Sep 20:1-6. doi: 10.1080/14786419.2019.1667351. [Epub ahead of print] PMID: 31538506
- 123 Bilginer S, Gul HI, Erdal FS, **Sakagami H**, Levent S, Gulcin I, Supuran CT. Synthesis, cytotoxicities, and carbonic anhydrase inhibition potential of 6-(3-aryl-2-propenoyl)-2(3H)-benzoxazolones. J Enzyme Inhib Med Chem. 2019 Dec;34(1):1722-1729. doi: 10.1080/14756366.2019.1670657. PMID: 31576761
- 124 Watanabe N, Nodomi K, Koike R, Kato A, Takeichi O, Kotani AI, Kaneko T, **Sakagami H**, Takei M, Ogata Y, Sato S and Imai K: EBV LMP1 in gingival epithelium potentially contributes to human chronic periodontitis via inducible IL8 production.. In Vivo 33(6):1793-1800, 2019. doi: 10.21873/invivo.11670. PMID: 31662504
- 125 田川裕也、原八重子、**坂上宏**、坂下英明: 組織の活性化と人材の育成～部活を通じて学んだリーダーシップの精神, New Food Industry 61 (11), 865-869, 2019
- 126 鈴木光雄、渡辺秀司、遠山歳三、両角旦、**坂上宏**、佐々木悠、浜田信城: 漢方の効能～漢方薬を用いた歯周病、インプラタイトレスに対する治療方法(鶏血藤配合剤). New Food Industry 61 (11), 865-869, 2019
- 127 鈴木光雄、岡部葉子、渡辺秀司、遠山歳三、両角旦、**坂上宏**、佐々木悠、浜田信城: 漢方の効能～鶏血藤配合剤による歯肉の炎症に対する改善効果、New Food Industry 61 (12), 941-943, 2019
- 128 Nagai J, Shi H, Sezaki N, Yoshida N, Bandow K, Uesawa Y, **Sakagami H**, Tomomura M, Tomomura A, Takao K and Sugita Y. Quantitative structure-cytotoxicity relationship of 2-arylazolylchromones and 2-triazolylchromones. Anticancer Res 39(12): 6479-6488, 2019. doi: 10.21873/anticancer.13862. PMID: 31810912
- 129 Uesawa Y, Nagai J, Shi H, **Sakagami H**, Bandow K, Tomomura A, Tomomura M, Endo S, Takao K and Sugita Y. Quantitative structure-cytotoxicity relationship of 2-styrylchromones. Anticancer Res 39(12): 6489-6498, 2019. doi: 10.21873/anticancer.13863. PMID: 31810913
- 130 Iijima Y, Bandow K, Sano M, Hino S, Kaneko T, Horie N and **Sakagami H**. *In vitro* assessment of antitumor potential and combination Effect of classical and molecular-targeted anticancer drugs. Anticancer Res 39(12): 6673-6684, 2019. doi: 10.21873/anticancer.13882. PMID: 31810932.

2018

- 131 **坂上宏**: 組織の活性化と人材の育成～新年を迎えるにあたって～自分を見つめ直そう、New Food Industry 60(1): 77-79, 2018
- 132 Nanbu T, Umemura N, Ohkoshi E, Nanbu K, **Sakagami H** and Shimada J: Combined SN-38 and gefitinib treatment promotes CD44 degradation in head and neck squamous cell carcinoma cells. Oncol Rep 39 (1), 367-375, 2018.
- 133 Aoyama H, **Sakagami H** and Hatano H: Three new flavonoids, proanthocyanidin, and accompanying phenolic constituents from Feijoa sellowiana. Biosci Biotechnol Biochem. 2018 Jan 3:1-11. PMID: 29297255 DOI: 10.1080/09168451.2017.1412246
- 134 **Sakagami H**, Okudaira N, Uesawa Y, Takao K, Kagaya H, Sugita Y: Quantitative structure-cytotoxicity relationship of 2-azolylchromones. Anticancer Res 38(2): 763-770, 2018. PMID: 29374700
- 135 Uesawa Y, **Sakagami H**, Okudaira N, Toda K, Takao K, Kagaya H and Sugita Y: Quantitative structure-cytotoxicity relationship of cinnamic acid phenetyl esters. Anticancer Res 38(2): 817-823, 2018. PMID: 29374707
- 136 Gul HI, Yamali C, **Sakagami H**, Angeli A, Leitans J, Kazaks A, Tars K, Ozgun DO and Supuran CT: New anticancer drug candidates sulfonamides as selective hCA IX or hCA XII inhibitors. Bioorg Chem 77: 411-419, 2018. 2018 Apr
- 137 **Sakagami H** and Tomomura M: Dental Application of Natural Products. Medicines (Basel). 2018 Feb 14;5(1). pii: E21. doi: 10.3390/medicines5010021. Review. PMID: 29443874
- 138 郑燕、**坂上宏**: 世界の学食(1)—北京大学 New Food Industry 60 (3): 65-71, 2018.
- 139 **Sakagami H**, Tsuji M, Tomomura M, Masuda Y, Iwama S, Nakagawa M, Suzuki H, Tanaka K, Abe T, Tamura N, Tomomura A, Yokose S, Takeshima H, Natori T, Horiuchi M, Fujisawa T, Kiuchi Y, Oguchi K, Yasui T, Oizumi H and Oizumi T.. Protection of differentiating neuronal cells from amyloid β peptide-induced injury by alkaline extract of leaves of *Sasa senanensis* Rehder. In Vivo 32(2): 231-239, 2018.
- 140 **Sakagami H**, Suzuki R, Shirataki Y, Iwama S, Nakagawa M, Suzuki H, Tanaka K, Tamura N and Takeshima H:

- Re-evaluation of culture condition of PC12 and SH-SY5Y cells based on growth rate and amino acid consumption, *In Vivo* 31 (11): 1089-1095, 2017
- 141 坂上 宏、友村美根子、増田宜子、岩間聡一、中川美香、鈴木隼人、田中健大、阿部智之、田村暢章、竹島浩、安井利一、辻まゆみ、木内祐二、小口勝司、堀内美咲、藤澤知弘、勝呂まどか、大泉浩史、大泉高明、ササヘルスによるホルメシスおよび細胞保護効果の誘導、*New Food Industry* 60 (4), 39-48, 2018
- 142 Kuroda M, Kubo S, Masatani D, Matsuo Y, Sakagami H, Mimaki Y. Aestivalosides A-L, twelve pregnane glycosides from the seeds of *Adonis aestivalis*. *Phytochemistry* 150: 75-84. doi: 10.1016/j.phytochem.2018.03.001. [Epub ahead of print] PMID: 29567513
- 143 Wada T, Maruyama R, Irie Y, Hashimoto M, Wakabayashi H, Okudaira N, Uesawa Y, Kagaya H, Sakagami H. In Vitro Anti-tumor Activity of Azulene Amide Derivatives. *In Vivo*. 2018 May-Jun;32(3):479-486. PMID: 29695549
- 144 Uehara M, Minemura H, Ohno T, Hashimoto M, Wakabayashi H, Okudaira N, Sakagami H. In Vitro Antitumor Activity of Alkylaminoguaiazulenes. *In Vivo*. 2018 May-Jun;32(3):541-547. PMID: 29695558
- 145 小島百代、佐野愛子、鈴木龍一郎、白瀧義明、坂上宏：味噌の神経保護作用、*New Food Industry* 60(5): 79-83, 2018.
- 146 坂上宏、戴秋娟、肖黎、郑燕、大石隆介、神崎龍志、土田幸広、中井延美、ガルシア-コントレラス レネ：国際的コミュニケーション能力の重要性(6)ーストレス社会における健康管理法、*New Food Industry* 60 (6) 57-69, 2018
- 147 Gul HI, Tugrak M, Gul M, Sakagami H, Umemura N and Anil B. Synthesis and cytotoxicities of new azaflorenones with apoptotic mechanism of action and cell cycle analysis. *Anticancer Agents Med Chem*. 2018 May 24. doi: 10.2174/1871520618666180525085445. [Epub ahead of print] PMID: 29793413
- 148 Uesawa Y, Sakagami H, Shi H, Hirose M, Takao K and Sugita Y: Quantitative Structure-Cytotoxicity Relationship of Furo[2,3-b]chromones. *Anticancer Res* 38(6): 3283-3290, 2018. doi: 10.21873/anticancerres.12593. PMID:29848675
- 149 Masuda Y, Sakagami H, Horiike M, Kadokura H, Yamasaki T, Klokkevold P, Takei H and Yokose S: Photodynamic therapy with pyoktanin blue and diode. *In Vivo* 32(4): 707-712, 2018. doi: 10.21873/invivo.11298. PMID: 29936449
- 150 Hara Y, Sakagami H, Shi H, Abe T, Tamura N, Takeshima H, Horie N, Kaneko T, Shiratsuchi H and Kaneko T: Partial protection of paclitaxel-induced neurotoxicity by antioxidants. *In Vivo* 32(4): 745-752, 2018. doi: 10.21873/invivo.11303. PMID: 29936454
- 151 Sakagami H, Hara Y, Shi H, Iwama S, Nakagawa M, Suzuki H, Tanaka K, Abe T, Tamura N, Takeshima H, Horie N, Kaneko T, Shiratsuchi H and Kaneko T: Change in anticancer drug sensitivity during neuronal differentiation of PC12 Cells. *In Vivo* 32(4):765-770, 2018. doi: 10.21873/invivo.11306 PMID: 29936457
- 152 斎田圭子、斎田悟、八幡由花紫、三間修、青木晃、Zhangentkhan Abylaiuly、Bolshakova SB、Bogenbayeva GA、Dalenov ED、福地邦彦、坂上 宏：イヌトウキの神経保護作用と臨床効果 Neuroprotective action and clinical effects of *Angelica shikokiana* Makino. *New Food Industry* 60(7): 39-48, 2018
- 153 Shi H, Nagai J, Sakatsume T, Bandow K, Okudaira N, Sakagami H, Tomomura M, Tomomura A, Uesawa Y, Takao K and Sugita Y: Quantitative structure–cytotoxicity relationship of 2-(N-cyclicamino)chromone derivatives. *Anticancer Res* 38(7):3897-3906, 2018. doi: 10.21873/anticancerres.12674.PMID: 29970510
- 154 Sakagami H, Shi H, Bandow K, Tomomura M, Tomomura A, Horiuchi M, Fujisawa T and Oizumi T: Search of neuroprotective polyphenols using the “overlay” isolation method. *Molecules* 2018, 23, 1840; doi:10.3390/molecules23081840
- 155 ガルシア-コントレラス レネ、アルバラード-ヌニェス アレハンドラ、坂上 宏：世界の学食(2)- メキシコ国立自治大学レオン (UNAM)、School cafeteria in the world (2) - Leon unit of the National Autonomous University of Mexico (UNAM) *New Food Industry* 60(8): 73-79, 2018
- 156 Shi H, Nagai J, Sakatsume T, Bandow K, Okudaira N, Uesawa Y, Sakagami H, Tomomura M, Tomomura A, Takao K and Sugita Y: Quantitative structure–cytotoxicity relationship of 3-(N-cyclicamino)chromone derivatives. *Anticancer Res* 38: 4459-4467, 2018
- 157 Nagai J, Shi H, Kubota Y, Bandow K, Okudaira N, Uesawa Y, Sakagami H, Tomomura M, Tomomura A, Takao K and Sugita Y: Quantitative structure–cytotoxicity relationship of pyrano[4,3-b]chromones. *Anticancer Res* 38:

4449-4457, 2018.

- 158 史海霞, 阎泽昆, 韦博森, **坂上 宏**: 世界の学食(3) —上海交通大学, *New Food Industry*60(9): 43-49, 2018.
- 159 Tugrak M, Gul HI, Sakagami H, Gulcin I, Claudiu T and Supuran CT: New azafluorenones with cytotoxic and carbonic anhydrase inhibitory properties: 2-Aryl-4-(4-hydroxyphenyl)-5*H*-indeno[1,2-*b*]pyridin-5-ones. *Bioorg Chem.* 2018 Dec;81:433-439. doi: 10.1016/j.bioorg.2018.09.013. Epub 2018 Sep 8. PMID: 30223148
- 160 **坂上 宏**、白瀧義明、史海霞、漢方の効能 (1) 自然の恩恵、*New Food Industry* 60(10), 69-73, 2018.
- 161 Sano A, Shi H, Suzuki R, Shirataki Y and **Sakagami H**: Chang in amino acid pools during neuronal differentiation of PC 12 cells. *In Vivo* 32 (6): 1403-1408, 2018, 2018
- 162 **Sakagami H**, Sugimoto M, Kanda Y, Murakami Y, Amano O, Saitoh J and Kochi A: Changes in metabolic profiles of human oral cells by benzylidene ascorbates and eugenol. *Medicines* 2018, 5(4), 116; <https://doi.org/10.3390/medicines5040116> Published: 31 October 2018
- 163 Gul HI, Yamali C, Gunesacar G, **Sakagami H**, Okudaira N, Uesawa Y and Kagaya H: Cytotoxicity, apoptosis, and QSAR studies of phenothiazine derived methoxylated chalcones as anticancer drug candidates. *Medicinal Chemistry Research* 27 (10): 2366-2378, 2018.
- 164 **坂上 宏**、史海霞、永井純子、植沢芳広、高尾浩一、杉田義昭: クロモン誘導体の新規抗癌剤としての可能性、*New Food Industry* 61(1): 11-18, 2019.
- 165 **Sakagami H**, Watanabe T, Hoshino T, Suda N, Mori K, Yasui T, Yamauchi N, Kashiwagi H, Gomi T, Oizumi T, Nagai J, Uesawa Y, Takao K, Sugita Y. Recent progress of basic studies of natural products and their dental application. *Medicines (Basel)*. 2018 Dec 25;6(1). pii: E4. doi: 10.3390/medicines6010004. Review. PMID: 30585249 Published: 25 December 2018

2017

- 166 福地邦彦、**坂上宏**、安井利一、金本大成、寺久保繁美、中島秀喜、勝呂まどか、名取威徳、大泉浩史、大泉高明: ササヘルスの卓越した抗ウイルス活性、*New Food Industry* 58 (12) 23-32, 2016
- 167 **坂上宏**、勝呂まどか、名取威徳、大泉浩史、大泉高明: クマザサ葉アルカリ抽出液 (ササヘルス®) の卓越した紫外線防護効果、*New Food Industry* 59(1): 55-62, 2017.
- 168 Masuda Y, Yokose S and **Sakagami H**. Gene Expression Analysis of Cultured Rat-Endothelial Cells after Nd:YAG Laser Irradiation by Affymetrix GeneChip Array. *In Vivo* 31(1):51-54, 2017.
- 169 宮田了、中国料理に魅せられて—南国酒家の創業に至るまでの道程 Charmed by Chinese Cooking - The road up to the Establishment of Nangokushuka Chinese restaurant (Translated into English by **Hiroshi Sakagami**), *New Food Industry* 59(3): 71-74, 2017
- 170 Gul HI, Yamali C, Yesilyurt F, **Sakagami H**, Kucukoglu K, Gulcin I, Gul M and Supuran CT. Microwave-assisted synthesis and bioevaluation of new sulfonamides. *J Enzyme Inhib Med Chem* 32(1):369-374, 2017. doi: 10.1080/14756366.2016.1254207. PMID: 28260401 January
- 171 **Sakagami H**: Chapter 1. Introductory chapter: Future prospect of licorice, popular crude drug and food sweetener. "Biological Activities and Action Mechanisms of Licorice Ingredients" pp 3-12, 2017 (Ed. Sakagami, Intech, , ISBN 978-953-51-5195-1. (April, 2017)
- 172 **Sakagami H**, Kato T, Fukuchi K, Kanamoto T, Terakubo S, Nakashima H, Ohno H and Yamamoto M: Chapter 6. Applicability of Licorice Extracts for Treatment of Oral Diseases, Evaluated by Simplified In Vitro Assay Systems. "Biological Activities and Action Mechanisms of Licorice Ingredients" pp 91-106, 2017 (Ed. Sakagami, Intech, , ISBN 978-953-51-5195-1. (April, 2017)
- 173 **Sakagami H**, Okudaira N, Masuda Y, Amano O, Yokose S, Kanda Y, Suguro M, Natori T, Oizumi H and Oizumi T: Induction of Apoptosis in human oral keratinocyte by doxorubicin. *Anticancer Res* 37(3):1023-1029, 2017.
- 174 **Sakagami H**, Masuda Y, Tomomura M, Yokose S, Uesawa Y, Ikezoe N, Asahara D, Takao K, Kanamoto T, Terakubo S, Kagaya H, Nakashima H and Sugita Y: Quantitative structure-cytotoxicity relationship of chalcones. *Anticancer Res* 37, 1091-1098, 2017
- 175 **Sakagami H**, Sheng H, Yasui T, Fukuchi K, Oizumi T, Ohno H, Yamamoto M, Fukuda T, Kotohda K, Yoshida H, Kanamoto Terakubo S and Nakashima H: Chapter 18. Therapeutic potential of solubilized nanolignin against oral diseases. In *Nanostructures for Oral Medicine*, ed., Grumezescu, Elsevier, ISBN: 978-0-323-47720-8; PII:

978-0-323-47720-8.00019-5, pp545-576, 2017 April 11.

- 176 Shimozu Y, Kimura Y, Esumi A, Aoyama H, Kuroda T, **Sakagami H**, Hatano T. Ellagitannins of *Davidia involucrata*. I. Structure of Davicratinic Acid A and Effects of *Davidia* Tannins on Drug-Resistant Bacteria and Human Oral Squamous Cell Carcinomas. *Molecules*. 2017 Mar 15;22(3). pii: E470. doi: 10.3390/molecules22030470. PMID: 28294988
- 177 Panda AK, Das U, Umemura N, **Sakagami H**, Kawase M, Balzarini J and De Clercq E, Dimmock SG, Roayapalley PK, Dimmock JR. 6-Benzylidene-2-[4-(pyridin-3-ylcarboxy)benzylidene]cyclohexanones: A novel cluster of tumour-selective cytotoxins. *Bioorg Med Chem Lett*. 2017 Apr 1;27(7):1611-1615. doi: 10.1016/j.bmcl.2017.02.016. PMID: 28238612
- 178 Yamali C, Gul HI, Ozgun DO, **Sakagami H**, Umemura N, Kazaz C and Gul M: Synthesis and cytotoxic activities of difluoro-dimethoxy chalcones. *Anticancer Agents Med Chem*. 17 (10): 1426-1433, 2017.
- 179 植沢芳広、福地邦彦、大野裕和、山本正次、加賀谷肇、坂上宏：甘草フラボノイドの抗ヘルペスウイルス活性は、構造的・物理化学的特徴に依存する。 *New Food Industry* 59(2): 47-52, 2017
- 180 増田宜子、横瀬敏志、坂上宏：美味しく食べるための根管治療—根管形態— *New Food Industry* 59(2): 73-77, 2017
- 181 Saijo R, Sekiya H, Tamai E, Kurihara K, Maki J, **Sakagami H** and Kawase M: A novel methodology for synthesis of 1,5,6-trisubstituted 2(1*H*)pyrazinones of biological interest, *Chem Pharm Bull* 65 (4): 365-372, 2017.
- 182 宮田順次、進化する南国酒家—新しいメニューをめざして— From “Shark’s fin with crab egg” to “Happy abalone”- Searching for next hit menu- (Translated into English by **Hiroshi Sakagami**) *New Food Industry* 59(4), 53-59, 2017.
- 183 牧純、関谷洋志、畑昌之、玉井栄治、**坂上宏**、人体への寄生虫感染を警戒すべき食材(15)虫卵・幼虫の付着した食材からも感染する小形条虫、 *New Food Industry* 59(5): 49-54. 2017.
- 184 Yamali C, Ozgun DO, Gul HI, **Sakagami H**, Kazaz C and Okudaira N: Synthesis and structure elucidation of 1-(2,5/3,5-difluorophenyl)-3-(2,3/2,4/2,5/3,4-dimethoxyphenyl)-2-propen-1-ones as anticancer agents. *Med Chem Res* 26: 2015–2023, 2017.
- 185 **坂上宏**、肖黎、戴秋娟、大石隆介、神崎龍志：国際的コミュニケーション能力の重要性(4)—「中国料理」に見られる日本と中国における嗜好の相違— *New Food Industry* 59(6), 71-93, 2017
- 186 牧純、関谷洋志、中村円香、畑昌之、玉井栄治、**坂上宏**：人体への寄生虫感染を警戒すべき食材(16)-新鮮な獣肉から感染する旋毛虫、 *New Food Industry* 59 (7) : 33-38, 2017.
- 187 増田宜子、横瀬敏志、**坂上宏**：美味しく食べるための歯の根管治療—根管形態— *New Food Industry* 59(7): 52-54, 2017
- 188 宮田佳明、変貌する中国料理～南国酒家のこだわりと創造の原点、 *Changing Chinese Cuisines: Commitment of Nangokusyuka and Its Origin of Creation* (Translated into English by **Hiroshi Sakagami**) *New Food Industry* 59 (7), 69-75, 2017
- 189 Suzuki R, **Sakagami H**, Amano S, Fukuchi K, Sunaga K, Kanamoto T, Terakubo S, Nakashima H, Shirataki Y, Tomomura M, Masuda Y, Yokose S, Tomomura A, Watanabe H, Okawara M and Matahira Y: Evaluation of biological activity of mastic extracts based on chemotherapeutic indices. *In Vivo* 31, 591-598, 2017. Doi:10.21873/invivo.11099
- 190 Garcia-Contreras R, Scougall-Vilchis RJ, Contreras-Bulnes R, **Sakagami H** and Nakajima H: Effect of cytotoxicity of nanopartricles of TiO₂ in cultured oral cells. *Temas selectos de biomedicine en Ciencias de la Salud*. Ninfia Ramirez Duran and Ma. Victoria Dominguez Garcia, pp 31-42, 2017 August (Total 216 pages) ISBN:978-607-9426-99-6
- 191 **坂上宏**、天野滋、増田宜子、横瀬敏志、友村美根子、友村明人、鈴木龍一郎、須永克佳、白瀧義明、福地邦彦、金本大成、寺久保繁美、中島秀喜、渡邊博文、大川原正喜、又平芳春：解説 マスティック抽出画分の薬理作用 *New Food Industry* 59(9): 67-76, 2017
- 192 Sasaki A, Hasegawa N, Adachi K, **Sakagami H** and Suda N. Orthodontic treatment induced temporal alteration of jaw-opening reflex excitability. *J Neurophysiol*. 2017 Jul 19;jn.00379.2017. doi: 10.1152/jn.00379.2017. [Epub ahead of print]
- 193 Tomomura M, Tomomura A, Oizumi T, Yasui T, and **Sakagami H**: Extract of *Sasa senanensis* Rehder Leaf Promotes Osteoblast Differentiation in MC3T3-E1 cells. *J Meikai Dent Med*. 46(2): 111-116, 2017.

- 194 友村美根子、友村明人、大泉高明、安井利一、坂上宏：クマザサ葉抽出液は骨芽細胞と破骨細胞を相反的に制御することで骨形成を促進する。New Food Industry 59 (11): 41-45, 2017.
- 195 坂上宏、肖黎、戴秋娟、大石隆介、神崎龍志、土田幸広：国際的コミュニケーション能力の重要性(5), どのようにしたら時代に取り残されないか? New Food Industry 59 (11):69-81, 2017
- 196 Sugita Y, Takao K, Uesawa Y and Sakagami H: Search for new type of anticancer drugs with high tumor-specificity and less keratinocyte toxicity (Review). Anticancer Res 37(11): 5919-5924, 2017
- 197 Sakagami H, Uesawa Y, Masuda Y, Tomomura M, Yokose S, Miyashiro T, Murai J, Takao K, Kanamoto T, Terakubo S, Kagaya H, Nakashima H, and Sugita Y: Quantitative structure–cytotoxicity relationship of newly synthesized piperic acid esters. Anticancer Res 37 (11): 6161-6168, 2017
- 198 Uesawa Y, Sakagami H, Ikezoe N, Takao K, Kagaya H and Sugita Y: Quantitative structure–cytotoxicity relationship of auronones. Anticancer Res 31(11): 6169-6176, 2017
- 199 Sakagami H, Suzuki R, Shirataki Y, Iwama S, Nakagawa M, Suzuki H, Tanaka K, Tamura N and Takeshima H: Re-evaluation of culture condition of PC12 and SH-SY5Y cells based on growth rate and amino acid consumption, In Vivo 31 (11): 1089-1095, 2017
- 200 Matsuo Y, Shinoda D, Nakamaru A, Kamohara K, Sakagami H and Mimaki Y: Steroidal glycosides from Convallaria majalis whole plants and their cytotoxic activity. Int J Mol Sci2017, 18(11), 2358; doi:10.3390/ijms18112358
- 201 坂上宏：コミュニケーションによる人生開花、コミュニケーション教育学会研究誌 Vol. 6 (2017.3) 37-45. ISSN 2186-0180
- 202 小島百代、坂上宏：ポピドンヨード液を規準にした OTC の口臭・口腔内細菌・口腔細胞に与える影響の検討、 New Food Industry 59(12): 71-76, 2017.