薬学科

基礎薬学部門

氏　名	片岡　洋行（かたおか　ひろゆき）
学位	薬学博士
主要研究業績	・Kataoka H., Pharmaceutical Analysis/Sample Preparation, in Encyclopedia of Analytical Science 3 rd Edn, Edited by P. Worsfold, A.Townshend, C. Poole, M. Miró, (Elsevier: Amsterdam, Netherlands), Vol. 8, 231-255 (2019). ・Ishizaki A., Kataoka H., A sensitive method for the determination of tobacco-specific nitrosamines in main- and side-stream smoke samples by online in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry. Anal. Chim. Acta, 1075: 98-105 (2019). ・Inukai T., Kaji S., Kataoka H., Analysis of nicotine and cotinine in hair by on-line in-tube solid-phase microextraction coupled with liquid chromatography-tandem mass spectrometry as biomarkers of exposure to tobacco smoke. J. Pharm. Biomed. Anal., 156: 272-277 (2018). ・Saito A., Hamano M., Kataoka H., Simultaneous analysis of multiple urinary biomarkers for the evaluation of oxidative stress by automated online in-tube solid-phase microextraction coupled with negative/positive ion-switching mode liquid chromatography–tandem mass spectrometry. J. Sep. Sci., 41: 2743-2749 (2018). ・Kataoka H., Sample Preparation for Liquid Chromatography (Chapter 1), in Handbooks in Separation Science: Liquid Chromatography 2 nd Edn, Vol. 2, Edited by S. Fanali, P.R. Haddad, C.F. Poole, M.-L Riekkola, (Elsevier: Amsterdam, Netherlands), 1-37 (2017).

氏　名	増田　和文（ますだ　かずふみ）
学位	博士（薬学）
主要研究業績	・S. Yamaori, Y. Okushima,K. Masuda, M. Kushihara, T. Katsu, S. Narimatsu, I. Yamamoto, K. Watanabe, “Structural requirements for potent direct inhibition of human cytochrome P450 1A1 by cannabidiol: Role of pentylresorcinol moiety”, Biological and Pharmaceutical Bulletin, 36(7) , 1197-1203 (2013)

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氏 名	齋藤 啓太（さいとう けいた）
学位	博士（薬学）
主要研究業績	・Saito K, Ikeuchi R, Kataoka H. (2012) Determination of ochratoxins in nuts and grain samples by in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. J. Chromatogr. A, 1220: 1-6. ・Saito K, Yagi K, Ishizaki A, Kataoka H. (2010) Determination of anabolic steroids in human urine by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. J. Pharm. Biomed. Anal., 52: 727-733. ・ Saito K, Uemura E, Ishizaki A, Kataoka H. (2010) Determination of perfluorooctanoic acid and perfluorooctane sulfonate by automated in-tube solid-phase microextraction coupled with liquid chromatography-mass spectrometry. Anal. Chim. Acta., 658: 141-146. ・Saito K, Okamura K, Kataoka H. (2008) Determination of musty odorants, 2-methylisoborneol and geosmin, in environmental water by headspace solid-phase microextraction and gas chromatography-mass spectrometry. J. Chromatogr. A, 1186: 434-437.

氏 名	鈴木 利典（すずき としのり）
学位	博士（学術）

主要研究業績	・Suzuki, T., Yasuhara, N., Ueda, T., Inukai, M., Mio, M. (2015) Reaction of acetaldehyde with 5-aminolevulinic acid via dihydropyrazine derivative. Chem. Pharm. Bull. 63, 126−129. ・Suzuki, T., Kitabatake, A., Koide, Y. (2016) Reaction of thymidine with hypobromous acid in phosphate buffer. Chem. Pharm. Bull. 64, 1235−1238. ・Suzuki, T., Ogishi, A., Shinohara, T., Suito, S. (2018) Formation of 8-S-L-cysteinyladenosine from 8-bromoadenosine and cysteine. Chem. Pharm. Bull. 66, 184−187. ・Suzuki, T., Ota, H., Namba, Y., Fujino, T. (2019) Salicylic acid as a photosensitizer for thymidine dimerization induced by UV. Chem. Pharm. Bull. 67, 130−134. ・Suzuki, T., Kumagai, M., Furusawa, M. (2019) Effects of urea on the reactions of nucleosides with hypobromous acid. Chem. Pharm. Bull. 67, 707−712.

氏　名	山川 直樹（やまかわ なおき）
学位	博士（薬学）
主要研究業績	・*Yamashita Y, *Tanaka KI, *Yamakawa N (*equally contributed), Asano T, Kanda Y, Takafuji A, Kawahara M, Takenaga M, Fukunishi Y, Mizushima T. “Chemical modification-mediated optimisation of bronchodilatory activity of mepenzolate, a muscarinic receptor antagonist with anti-inflammatory activity”, Bioorg. Med. Chem., 27:3339-3346 (2019). ・Asano T, Hattori T, Tanaka KI, Yamakawa N, Suemasu S, Aida S, Kataoka M, Mizushima T, Takenaga M. “Antinociception by fluoro-loxoprofen, a novel non-steroidal anti-inflammatory drug with less ulcerogenic effects, in rat models of inflammatory pain”, Eur. J. Pharmacol., 5:253-258 (2019). ・*Tanaka KI, *Yamakawa N (*equally contributed), Yasunobu Y, Asano T, Kanda Y, Takafuji A, Kawahara M, Takenaga M, Fukunishi Y, Mizushima T. “Identification of mepenzolate derivatives with long-acting bronchodilatory activity” Front. Pharmacol., 10:344 (2018). ・Moriyama K, Furuno N, Yamakawa N. “Crystal face identification by Raman microscopy for assessment of crystal habit of a drug”, Int. J. Pharm., 480:101-106(2015). ・Yamakawa N, Suzuki K, Yamashita Y, Katsu T, Hanaya K, Shoji M, Sugai T, Mizushima

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氏　名	森山　圭（もりやま　けい）
学位	博士（薬学）
主要研究業績	・Moriyama, K., Takami, Y., Uozumi, N., Okuda, A., Yamashita, M., Yokomizo, R., Shimada, K., Egawa, T., Kamei, T., Takayanagi, K.“Assessment of drug content uniformity of atropine sulfate triturate by liquid chromatography-tandem mass spectrometry, X-ray powder diffraction, and Raman chemical imaging.” J Pharm Health Care Sci, 2, 4 (2016) ・Yamashita, M., Sasaki, H., Moriyama, K.“Vapor Phase Alkyne Coating of Pharmaceutical Excipients: Discrimination Enhancement of Raman Chemical Imaging for Tablets”J. Pharm. Sci., in press ・Hanada, T., Takami, Y., Moriyama, K., Oro, M., Ogawa, T., Moriyasu, H., Inoue, Y., Kanemitsu, A., Kawamoto, E., Nagase, A., Hamahara, A., Yamamoto, A., Shimada, K., Takahashi, M., Egawa, T.“Prevention of the exposure by cyclophosphamide oral tablet”J Pharm Health Care Sci, 1, 20 (2015) ・川本英子，浜原安奈，兼光朝子，髙見陽一郎，森山圭，花田貴惠，井上結夏，長瀬彩花，山本温子，小川壮寛，江川孝，島田憲一”フルオロウラシル内服薬のPTPシート汚染原因の検討”医療薬学，41，630-635 (2015) ・Moriyama, K., Furuno, N., Yamakawa, N.“Crystal face identification by Raman microscopy for assessment of crystal habit of a drug”Int. J. Pharm., 480, 101-106 (2015)

氏　名	佐々木　寛朗（ささき　ひろあき）
学位	博士（薬学）
主要研究業績	・Yatsu G., Kino Y., Sasaki H., Satoh J., Kinoshita K., Koyama K. ,“Meroterpenoids with BACE1 Inhibitory Activity from the Fruiting Body of Boletinus asiaticus.“, J. Nat. Prod., 82, 1797-1801 (2019) ・Sasaki H., Kitoh Y., Tsukada M., Miki K., Koyama K., Juliawaty L. D., Hakim E. H., Takahashi K., Kinoshita K.,“Inhibitory activities of biflavonoids against amyloid-β peptide 42 cytotoxicity in PC-12 cells.“, Bioorg Med Chem Lett., 25, 2831-2833

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氏　名	石﨑　厚（いしざき　あつし）
学位	修士（薬学）
主要研究業績	・Ishizaki A, Saito K, Kataoka H,“Analysis of polycyclic aromatic hydrocarbons contamination in tea products and crude drugs.”, Anal. Methods, 3: 299-305 (2011). ・Ishizaki A, Saito K, Hanioka N, Narimatsu S, Kataoka H,“Determination of polycyclic aromatic hydrocarbons in food samples by automated on-line in-tube solid-phase microextraction coupled with high performance liquid chromatography-fluorescence detection”. J. Chromatogr. A, 1217: 5555-5563 (2010).

氏　名	加藤　久登（かとう　ひさと）
学位	博士（薬学）
主要研究業績	・H. Kato, K. Komagoe, T. Inoue, K. Masuda, T. Katsu, Structure−activity relationship of porphyrin-induced photoinactivation with membrane function in bacteria and erythrocytes, Photochem. Photobiol. Sci., 17, 954-963. (2018) ・H. Yamamura, M. Nonaka, S. Okuno, R. Mitsuhashi, H. Kato, T. Katsu, K. Masuda, K. Tanimoto, H. Tomita, A. Miyagawa, Membrane-active antimicrobial poly(aminomodified alkyl) β-cyclodextrins synthesized via click reactions, Med. Chem. Comm., 9, 509-518. (2018) ・加藤久登，駒越圭子，勝　孝，片岡洋行，“クロリンによる細菌および赤血球の

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■ 生命薬学部門

氏　名	坪井 誠二（つぼい せいじ）
学位	薬学博士
主要研究業績	・守谷智恵, 川上賀代子, 坪井誠二:天然物由来の Nrf2 活性化因子, 就実大学薬学雑誌, 6, 8-13 (2019) ・Moritani, C., Kawakami, K., Fujita, A., Kawakami, K., Shimoda, H. Hatanaka, T., Tsuboi, S.: Isolation of activating factors of serotonin N-acetyltransferase from rice peptides, J. Funct. Foods, 41, 148-154 (2018) ・Kawakami, K., Moritani, C., Uraji, M., Fujita, A., Kawakami, K., Hatanaka, T., Suzaki, E., Tsuboi, S. : Hepatoprotective effects of rice-derived peptides against acetaminophen-induced damage in mice. J. Clin. Biochem. Nutr., 60, 115-120 (2017). ・Moritani, C., Kawakami, K., Fujita, A., Kawakami, K., Hatanaka, T., Tsuboi, S. : Anti-oxidative activity of hydrolysate from rice bran protein in HepG2 cells. Biol. Pharm. Bull., 40, 984-991, (2017) . Kawakami, K., Moritani, C., Uraji, M., Fujita, A., Kawakami, K., Hatanaka, T., Suzaki, E., Tsuboi, S. : Sake lees hydrolysate protects against acetaminophen-induced hepatotoxicity via activation of the Nrf2 antioxidant pathway. J. Clin. Biochem. Nutr., 61, 203-209 (2017)

氏　名	守谷 智恵（もりたに ちえ）
学位	博士（薬学）
主要研究業績	・守谷智恵, 川上賀代子, 坪井誠二:天然物由来の Nrf2 活性化因子, 就実大学薬学雑誌, 6, 8-13 (2019)

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氏　名	中西　徹（なかにし　とおる）
学位	農学博士
主要研究業績	・Mihara K, Kohno S, Hatanaka S, Yamasaki T, Nishida K, Nakanishi T. Identification of specific protein markers of rheumatoid arthritis in synovial fluid and serum. J Hard Tissue Biol 27, 55-58, 2018 ・Fujimoto E, Matsushita Y, Nakajima T, Yagishita N, Yamasaki T, Nakanishi T. CD81 mediated regulation of synoviolin expression in synovial sarcoma cells. J Hard Tissue Biol 25, 377-382, 2016 ・Nakagawa S, Arai Y, Mori H, Matsushita Y, Kubo T, Nakanishi T. Small interfering RNA targeting CD81 ameliorated arthritis in rats. Biochem Biophys Res Commun 388, 467-472, 2009 ・Matsuoka Y, Yokoyama M, Kobayashi H, Omori M, Itano Y, Morita K, Mori H, Nakanishi T. Expression profiles of BDNF splice variants in cultured DRG neurons stimulated with NGF. Biochem Biophys Res Commun 362, 682-688, 2007 ・Nakanishi T. Japan may seek embryo cells from overseas. Nature 405, 882, 2000

氏　名	平岡　修（ひらおか　おさむ）

学位	博士（薬学）
主要研究業績	・Sayuri Sakamoto, Etsuko Suzaki, Osamu Hiraoka＊ Expression and purification of EF-hand endoplasmic reticulum-resident calcium-binding protein from Plasmodium falciparum using the E. coli Lemo21 (DE3) strain SHUJITSU RONSO No.47 PP.289-297 (2018) ・ Osamu Hiraoka, Seita Ando, Yuhki Suemune, Kenichi Shimada, Masao Akamatsu,Scientific study of ease of removal of tablets from PTP sheet J Community Pharm Pharm Sci. Vol.9 No.2, 219-226 (2017) ・ Osamu Hiraoka, Takuya Terai, Moe Kohno, Shigeru Sugiyama. Genetically engineered monomeric streptavidin for designing a new detection systems based on monovalent biotin interaction. The Shujitsu University Journal of Pharmaceutical Sciences Volume 3, 16-26 (2016) ・Sugiyama S., Shimizu N., Kakinouchi K., Hiraoka O., Matsumura H., Yoshikawa H.Y., Takahashi Y., Maruyama M., Yoshimura M., Adachi H., Takano K., Murakami S., Inoue T., Murata M. and Mori Y. Development of protein seed crystals reinforced with high-strength hydrogels. CrystEngComm. 17, 8064-8071 (2015) ・Hiraoka O, Hiraoka K. A Study of Pharmacists’ Job Satisfaction, Organizational Commitment, and Social Support in Organizational Management. The Shujitsu University Journal of Pharmaceutical Sciences Volume 2, 63-67 (2015)

氏　名	塩田 澄子（しおた すみこ）
学位	博士（薬学）
主要研究業績	・山田陽一，阿山未来，小林美穂，和田朋子，工藤季之， 杉山哲大，塩田澄子 MRSA の病原因子遺伝子保有状況調査から見出されたリスクファクターをもつ CA-MRSA の性状解析 Characterization of community-acquired Methicillin-resistant Staphylococcus aureus (CA-MRSA) with the high risk factors found from the toxigenic gene profile from clinical isolates 就実大学薬学雑誌 第 6 巻p50-54（2019） ・Hisatsune J, Hagiya H, Shiota S, Sugai M. Complete Genome Sequence of Systemically Disseminated Sequence Type 8 Staphylococcal Cassette Chromosome mec Type IVl Community-Acquired Methicillin-Resistant Staphylococcus aureus. M. Genome Announc. 2017 Aug 31;5(35)(2017)

	・和田朋子，山田陽一，近藤祥代，杉山哲大，塩田澄子．臨床現場における市中感染型 MRSA の増加とバイオフィルム形成能の関連 Relation between the increase of the isolation number of Community-Acquired MRSA and their biofilm formation. 就実大学薬学雑誌第 4 巻 p16-22（2017） ・Hagiya H, Haruki Y, Uchida T, Wada T, Shiota S, Ishida T, Ogawa H, Murase T, Otsuka F. Emergence of Daptomycin-Resistant Staphylococcus aureus during Treatment. Intern Med.;55(1):73-78.（2016） ・Hagiya H, Hisatsune J, Kojima T, Shiota S, Naito H, Hagioka S, Morimoto N, Otsuka F, Sugai, M. Comprehensive analysis of systemically disseminated ST8/non-USA300 type community-acquired methicillin-resistant Staphylococcus aureus infection. Intern Med., 53(8):907-912. (2014)

氏　名	工藤 季之（くどう としゆき）
学位	博士（理学）
主要研究業績	・Okamura A, Masumoto A, Takenouchi A, Kudo T, Aizawa S, Ogoshi M, Takahashi S, Tsudzuki M, Takeuchi S. Changes in prolactin receptor homodimer availability may cause late feathering in chickens. Gen Comp Endocrinol. 272: 109-116. (2019) ・Sutou S, Koeda A, Komatsu. K, Shiragiku T, Seki H, Yamakage K, Niitsuma T, Kudo T, Wakata A. Collaborative study of thresholds for mutagens: proposal of a typical protocol for detection of hormetic responses in cytotoxicity tests. Genes and Environ. 40: 20. (2018) ・Kudo T. Comparison of promoters for transient gene expression in avian cells. Proceeding of Okayama Association for Laboratory Animal Science 32: 28-22. (Japanese) (2016) ・Okutsu K, Ojima F, Shinohara N, Taniuchi S, Mizote Y, Aoki K, Kudo T, Ogoshi M, Takeuchi S, Takahashi S. Functional characterization of the mouse melanocortin 3 receptor gene promoter. Gene 562: 62-69. (2015) ・Ogo Y, Taniuchi S, Ojima F, Hayashi S, Murakami I, Saito Y, Takeuchi S, Kudo T, Takahashi S. IGF-1 Gene Expression is Differentially Regulated by Estrogen Receptors α and β in Mouse Endometrial Stromal Cells and Ovarian Granulosa Cells. J. Reprod. Dev. 60: 216-223. (2014)

氏　名	渡辺　雅彦（わたなべ　まさひこ）
学位	博士（農学）
主要研究業績	・Watanabe, M., Toudou, M., Uchida, T., Yoshikawa, M., Aso, H., Suemaru, K. (2019) Change in mutation frequency at a TP53 hotspot during culture of ENU-mutagenized human lymphoblastoid cells. Mutagenesis, in press. ・Mimaki, S., Watanabe, M., Kinoshita, M., Yamashita, R., Haeno, H., Takemura, S., Tanaka, S., Marubashi, S., Totsuka, Y., Shibata, T., Nakagama, H., Ochiai, A., Nakamori, S., Kubo, S., Tsuchihara, K. (2019) Multifocal origin of occupational cholangiocarcinoma revealed by comparison of multilesion mutational profiles. Carcinogenesis, in press. ・渡辺雅彦、阿蘇寛明、吉川弥里、末丸克矢 (2019) 多段階クローン増殖モデルと乳がん：モデル推定と日本人女性の出生コホートとの比較　就実大学薬学雑誌　6, 17-30. ・Watanabe, M. (2016) Smoking: additional burden on aging and death. Genes Environment., 38:3. ・Nakano, T., Takahashi-Nakaguchi, A, Yamamoto, M. and Watanabe, M. (2015) Pierisins and CARP-1: ADP-ribosylation of DNA by ARTCs in butterflies and shellfish. Curr. Top. Microbiol. Immunol., 384, 127-149.

氏　名	末丸　克矢（すえまる　かつや）
学位	薬学博士
主要研究業績	・抗てんかん薬 TDM 標準化ガイドライン 2018, 編集:一般社団法人 日本 TDM 学会, 分担, 末丸克矢：ゾニサミド, ラモトリギン, 金原出版 (2018 年) ・新しい疾患薬理学,編集: 岩崎克典/徳山尚吾, 分担, 末丸克矢：7 章 代謝系・内分泌系の疾患と治療薬; A 糖尿病・代謝系内科領域の疾患に用いる薬物 (1 糖尿病, 2 脂質異常症, 3 高尿酸血症・痛風) 南江堂 (2018 年). ・Suemaru K, Yoshikawa M, Tanaka A, Araki H, Aso H, Watanabe M. Anticonvulsant effects of acetaminophen in mice. Comparison with the effects of nonsteroidal anti-inflammatory drugs. Epilepsy Res. 140: 22-28 (2018). ・Suemaru K, Yoshikawa M, Aso H, Watanabe M. TRPV1 mediates the anticonvulsant effects of acetaminophen in mice. Epilepsy Res. 145: 153-159 (2018). ・ Suemaru K, Yoshikawa M, Aso H, Watanabe M. Environmental enrichment

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氏　名	平本　一幸（ひらもと　かずゆき）
学位	学術博士
主要研究業績	・K. Hiramoto, T. Ohkawa, N. Oikawa, K. Kikugawa, Is nitric oxide (NO) an antioxidant or a prooxidant for lipid peroxidation Chem. Pharm. Bull., 51, 1046-1050 (2003) ・K. Kikugawa, Y. Yasuhara, K. Ando, K. Koyama, K. Hiramoto, M. Suzuki, Protective effect of supplementation of fish oil with high n-3 polyunsaturated fatty acids against oxidative stress-induced DNA damage of rat liver in vivo. J. Agric. Food Chem., 51, 6073-6079 (2003) ・K. Kikugawa, Y. Yasuhara, K. Ando, K. Koyama, K. Hiramoto, M. Suzuki, Effect of supplementation of n-3 polyunsaturated fatty acid on oxidative stress-induced DNA damage of rat hepatocytes. Biol. Pharm. Bull., 26, 1239-1244 (2003) ・K. Hiramoto, Y. Yasuhara, K. Sako, K. Aoki, K. Kikugawa, Suppression of free-radical-induced DNA strand breaks by linoleic acid and low density lipoprotein in vitro. Biol. Pharm. Bull., 26, 1129-1234 (2003) ・K. Kikugawa, K. Hiramoto, T. Ohkawa, Effects of oxygen on the reactivity of nitrogen oxide species including peroxynitrite. BIOL. Pharm. Bull., 27, 17-23 (2004)

氏　名	阿蘇　寛明（あそ　ひろあき）
学位	博士（自然科学）
主要研究業績	・Yi W., Fu P., Fan Z., Aso H., Tian C., Meng Y., Liu J., Yamori Y., Nara Y., Ying CJ. Mitochondrial HMG -CoA synthase partially contributes to antioxidant protection in the kidney of stroke-prone spontaneously hypertensive rats Nutrition 2010; 26: 1176-80. ・Ying CJ, Noguchi T, Aso H, Ikeda M, Yamori Y, NaraY. The role of Cytochrome P-450 in Salt-Sensitive Stroke in Stroke-Prone Spontaneously Hypertensive Rats. Hypertens Res. 2008; 31:1821-1827. ・Tanabe T, Naka A, Aso H, Nakao H, Narimatsu S, Inoue Y, Ono T, Yamamoto S. A novel aerobactin utilization cluster in Vibrio vulnificus with a gene involved in the

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氏　名	山﨑　勤（やまさき　つとむ）
学位	理学博士
主要研究業績	・Yamasaki T, Arai Y, Nakagawa S, Kubo T, Nakanishi T. Construction of an Expression Vector Containing Mouse-Rat Chimeric Genes Encoding a Therapeutic Antibody against CD81, J Hard Tissue Biol. 28: 239-244（2019） ・Itoa D, Takashimab E, Yamasaki T, Hatanob S, Hasegawab T, Miurad K, Moritab M, Amporn T, Mahamadou D, Carole A. L, Jetsumon S, Rachanee U, Irikoi H,Ishinoj T, Tsuboib T. Antibodies against a Plasmodium falciparum RON12 inhibit merozoite invasion into erythrocytes.　Parasitology International. Feb;68:87-91.（2019） ・Mihara K, Kohno S, Hatanaka S, Yamasaki T, Nishida K and Nakanishi T. Identification of specific protein markers of rheumatoid arthritis in synovial fluid and serum. J Hard Tissue Biol. 27:55-58（2018） ・Matsunaga N, Shimizu H, Fujimoto K, Watanabea k, Yamasaki T, Hatano N, Tamai E, Katayama S, Hitsumoto Y. Expression of glyceraldehyde-3- phosphate dehydrogenase on the surface of Clostridium perfringens cells. Anaerobe. Jun;51:124-130（2018）

氏　名	川上　賀代子（かわかみ　かよこ）
学位	博士（農学）
主要研究業績	・K. Kawakami, P. Li, M. Uraji, T. Hatanaka, H. Ito.“Inhibitory effects of pomegranate extracts on recombinant human maltase-glucoamylase.”, J. food sci., 79, H1848-53

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氏　名	山田　陽一（やまだ　よういち）
学位	博士（薬学）
主要研究業績	・Suzuki N, Ohtaguro N, Yoshida Y, Hirai N, Matsuo H,Yamada Y*, Imamura N, Tsuchiya T (*corresponding author) A Compound Inhibits Biofilm Formation of Staphylococcus aureus from Streptomyces. Biol. Pharm. Bull. 38(6):889-892 (2015). ・Yamada Y, Tikhonova E B, Zgurskaya H I YknWXYZ Is an Unusual Four-Component Transporter with a Role in Protection against Sporulation-Delaying-Protein-Induced Killing of Bacillus subtilis. J. Bacteriol. 194:4386-4394 (2012). ・Tikhonova E B, Yamada Y, Zgurskaya H I Sequential Mechanism of Assembly of Multidrug Efflux Pump AcrAB-TolC. Chem. Biol. 18:454-468 (2011). ・Ge Q*, Yamada Y*, Zgurskaya H I (*equal contributed) The C-terminal domain of AcrA is essential for the assembly and function of the multidrug efflux pump AcrAB-TolC. J. Bacteriol. 191:4365-4371 (2009).

氏　名	吉川　弥里（よしかわ　みさと）

学位	博士（薬学）
主要研究業績	・Yoshikawa M., Soeda Y., Michikawa M., Almeida OF., Takashima A.: Tau depletion in APP transgenic mice attenuates task-related hyperactivation of the hippocampus and differentially influences locomotor activity and spatial memory., Front. Neurosci., 12, 124 (2018) ・Suemaru K., Yoshikawa M., Tanaka A., Araki H., Aso H., Watanabe M.: Anticonvulsant effects of acetaminophen in mice: Comparison with the effects of nonsteroidal anti-inflammatory drugs. Epilepsy Res., 140, 22-28 (2018). ・Suemaru K., Yoshikawa M., Aso H., Watanabe M.: TRPV1 mediates the anticonvulsant effects of acetaminophen in mice. Epilepsy Res., 145, 153-159 (2018). ・Suemaru K., Yoshikawa M., Aso H., Watanabe M.: Environmental enrichment alleviates cognitive and behavioral impairments in EL mice. Epilepsy Behav., 85, 227-233 (2018). ・Soeda Y., Yoshikawa M, Almeida OF., Sumioka A., Maeda S., Osada H., Kondoh Y., Saito A., Miyasaka T., Kimura T., Suzuki M., Koyama H., Yoshiike Y., Sugimoto H., Ihara Y., Takashima A. Toxic tau oligomer formation blocked by capping of cysteine residues with 1,2-dihydroxybenzene groups. Nat. Commun., 6:10216 (2015)

■ 医療薬学部門

氏　名	小山　眞也（こやま　しんや）
学位	医学博士
主要研究業績	・Oshiro T, Koyama S, Sugiyama S, Kondo A, Onodera Y, Asahara T, Sabe H, Kikuchi A,　Interaction of POB1, a downstream molecule of small G protein Ral, with PAG2, a paxillin-binding protein, is involved in cell migration.，J. Biol. Chem. 277 巻 41 号 p38618-p38626，ASBMB，2005 ・Oshiro T, Koyama S, Sugiyama S, Kondo A, Onodera Y, Asahara T, Sabe H, Kikuchi A.，Interaction of POB1, a downstream molecule of small G protein Ral, with PAG2, a paxillin-binding protein, is involved in cell migration. J Biol Chem.　277 巻 41 号 p38618-26，ASBMB　，2002 ・Koyama S and Kikuchi A (W. E. Balch, Chnning J. Der, Alan Hall 編)，Regulators and Effectors of Small GTPases. Part F Ras Family I., p127-p138　in Methods Enzymol.

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氏　名	洲﨑　悦子（すざき　えつこ）
学位	博士（薬学），博士（医学）
主要研究業績	・Okuda J, Kiriyama M, Suzaki E, Kataoka K, Nishibuchi M, Nakai T, “Characterization of proteins secreted from a type III secretion system of Edwardsiella tarda and their roles in macrophage infection”, Disease of Aquatic Organisms, 84 (2009). ・Suzaki E, Nomura R, Horio T, Mineyuki Y, Kataoka K, “γ-tubulin-like molecules in the mouse duodenal epithelium”, Histochemistry and Cell Biology, 128 (2007). ・Kataoka K, Suzaki E, Ajima N, “The Hoshino wooden skeleton, the first wooden model of a human skeleton, made during the Edo era in Japan”, Anatomical Science International, 82 (2007). ・Suzaki E, Wang G, Cao G, Wang H-Q, Englander EW, Greeley Jr. GH, “Apelin cells in the rat stomach”, Regulatory Peptides, 129 (2005). ・Suzaki E, Suzaki T, Kataoka K, “Use of Taxol and collagenase for better three-dimensional visualization of microtubules in the enterocyte and Brunner’s gland cell, with special reference to their relation to the Golgi apparatus”, Journal of Electron Microscopy, 53 (2004)

氏　名	西村　多美子（にしむら　たみこ）
学位	薬学博士
主要研究業績	・和田一葉，西村(鈴木)多美子, 2013 年度から 2017 年度に承認された新医療用医薬品の治験の GCP 遵守状況とわが国への FDA の GCP 査察についてー. レギュラトリーサイエンス学会誌. 印刷中 (2019) ・田中伸枝，西村（鈴木）多美子，妊婦等への抗体医薬品の服薬指導におけるレギュラトリーサイエンス研究，就実大学薬学雑誌，5, 35-40 (2018). ・田中伸枝，西村（鈴木）多美子，新たに承認された抗体医薬品の妊婦等に対するリスクベネフィットバランス評価. レギュラトリーサイエンス学会誌. 8(1), 5-18 (2018). ・Suzuki-Nishimura T, Hosokawa T, Seno M, Kato Y, Inhibitory effects of GlcNAc polymers on histamine release from mast cells by Datura stramonium agglutinin, The Shujitsu university journal of pharmaceutical sciences, 4,10-15 (2017).

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氏　名	見尾　光庸（みお　みつのぶ）
学位	薬学博士
主要研究業績	・見尾光庸「抗炎症薬，抗リウマチ薬，痛風治療薬」，佐藤進編『新薬理学テキスト〔第 3 版〕』，廣川書店（2011） ・見尾光庸，小駒益弘，福井裕行，竹田篤「ナノ粒子による炎症性伝達物質吸着を利用した炎症制御の研究」，『ケミカルエンジニヤリング』，第 55 巻(2010) Satomi A, Mio M, Tanaka K, Kogoma M “Silica nano powder formation using ICP plasma and evaluation of its adsorption ability for biotic substances”, J Photopolymer Sci Tech, 21 (2008) ・Takatori S, Zamami Y, Yabumae N, Hanafusa N, Mio M, Egawa T, Kawasaki H “Pioglitazone opposes neurogenic vascular dysfunction associated with chronic hyperinsulinaemia”, Br J Pharmacol, 153 (2008) ・Zamami Y, Takatori S, Yamawaki K, Miyashita S, Mio M, Kitamura Y, Kawasaki H. “Acute hyperglycemia and hyperinsulinemia enhance adrenergic vasoconstriction and decrease calcitonin gene-related peptide-containing nerve-mediated vasodilation in pithed rats”, Hypertens Res, 31 (2008)

氏　名	森　秀治（もり　しゅうじ）
学位	学術博士
主要研究業績	・Watanabe M, et al. “The C-terminal region of tumor necrosis factor like weak inducer of apoptosis is required for interaction with advanced glycation end products” Biotechnol Appl Biochem, 66: 254-260 (2019) ・Gao S, et al. “Histidine-rich glycoprotein ameliorates endothelial barrier dysfunction through regulation of NF-κB and MAPK signal pathway” Br J Pharmacol, 176: 2808-2824 (2019) ・Gao Y, et al. “Phagocytosis of advanced glycation end products (AGEs) in macrophages induces cell apoptosis” Oxid Med Cell Longev, doi: 10.1155/2017/8419035. (2018)

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氏 名	豊村 隆男(とよむら たかお)
学位	理学博士
主要研究業績	・Watanabe M, Toyomura T, Wake H, Liu K, Teshigawara K, Takahashi H, Nishibori M, Mori S.“The C-terminal region of tumor necrosis factor like weak inducer of apoptosis is required for interaction with advanced glycation end products.” Biotechnol. Appl. Biochem. 66 (2019) ・Watanabe M, Toyomura T, Wake H, Liu K, Teshigawara K, Takahashi H, Nishibori M, Mori S.“Advanced Glycation End Products Attenuate the Function of Tumor Necrosis Factor-like Weak Inducer of Apoptosis to Regulate the Inflammatory Response.” Mol. Cell Biochem. 434 (2017) ・森秀治、渡邊政博、豊村隆男“自然免疫センサーとしてのパターン認識受容体の病態生理学的意義” 就実大学薬学雑誌 3(2016) ・Sun-Wada G.-H., Toyomura T., Murata Y., Yamamoto A., Futai M., and Wada Y. “The a3 isoform of V-ATPase regulates insulin secretion from pancreatic β -cells.” J. Cell Sci. 119 (2006) ・Toyomura T., Murata Y., Yamamoto A., Oka T., Sun-Wada G.-H., Wada Y., and Futai M.”From lysosomes to the plasma membrane: localization of vacuolar-type H+-ATPase with the a3 isoform during osteoclast differentiation.” J. Biol. Chem. 278 (2003)

氏 名	渡邊 政博(わたなべ まさひろ)
学位	博士(薬学)
主要研究業績	・Watanabe M, Toyomura T, Wake H, Liu K, Teshigawara K, Takahashi H, Nishibori M, Mori S. The C-terminal region of tumor necrosis factor-like weak inducer of apoptosis is required for interaction with advanced glycation end products.

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氏　名	丹羽　俊朗（にわ　としろう）
学位	薬学博士
主要研究業績	・Niwa T, Narita K, Okamoto A, Murayama N, Yamazaki H. "Comparison of steroid hormone hydroxylations by and docking to human cytochromes P450 3A4 and 3A5.". J Pharm Pharm Sci. 22, 332-339 (2019). ・Niwa T, Yanai M, Matsumoto M, Shizuku M. "Effect of cytochrome P450 (CYP) 2D6 genetic polymorphism on the inhibitory action of antidepressants on CYP2D6-mediated dopamine formation fromp-tyramine". J Pharm Pharm Sci. 21, 135-142 (2018). ・Niwa T, Shizuku M, Yamano K., "Effect of genetic polymorphism on the inhibition of dopamine formation from p-tyramine catalyzed by brain cytochrome P450 2D6", Arch Biochem Biophys, 620, 23-27 (2017).. ・Niwa T, Hata T, "The effect of genetic polymorphism on the inhibition of azole

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氏　名	松尾　浩民（まつお　ひろたみ）
学位	薬学博士
主要研究業績	・松尾浩民 : 2017 年ノーベル化学賞受賞に際して　生物物理, 58, 101-102 (2018). ・T. Hayakawa, A. Makino, M. Murate, I. Sugimoto, Y. Hashimoto, H. Takahashi, K. Ito, T. Fujisawa, H. Matsuo, and T. Kobayashi: pH-dependent formation of MCB-like closely stacked multilamellar vesicles of GM1/Bis(monoacylglycero)phosphate mixed membranes. Biophys J., 92, L13-L16 (2007). ・A. Makino, K. Ishii, M. Murata, T. Hayakawa, Y. Suzuki, M. Suzuki, K. Ito, T. Fujisawa, H. Matsuo, R. Ishitsuka and T. Kobayashi: D-threo-1-phenyl-2-decanoylamino- 3-morpholino-1-propanol alters cellular cholesterol homeostasis by modulating the endosome lipid domains. Biochemistry, 45, 4530-4541 (2006). ・H. Matsuo, J. Chevallier, N. Mayran, I. Le Blanc, C. Ferguson, J. Faure, N.S. Blanc, S. Matile, J. Dubochet, R. Sadoul, R.G. Parton, F. Vilbois and J. Gruenberg: Role of LBPA and Alix in multivesicular liposome formation and endosome organization. Science, 303, 531-534 (2004).

氏　名	原　愛（はら　あい）
学位	博士（薬学）
主要研究業績	・原（野上）愛 : 疾患薬理学テキスト, 岩崎・徳山編, 炎症・アレルギー・自己免疫疾患の章を担当, 南江堂 (2018) ・Nogami-Hara A, Nagao M, Takasaki K, et al. The Japanese Angelica acutiloba root and yokukansan increase hippocampal acetylcholine level, prevent apoptosis and

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■ 臨床薬学部門

氏　名	柴田　隆司（しばた　たかし）
学位	薬学修士
主要研究業績	・社会から求められている薬局機能の充実化には薬局実務実習に新たな教育方法が必要である：柴田隆司、島田憲一、安田　翔、木村和恵、山本奈緒、松垣裕明、安部　吏、廣田　美祐紀，就実論叢 48 巻 p.235-243, 2019 ・薬剤師対象で情報検索と統計に関した講習会を岡山県において試みた―薬剤師研修会を開催して判明した事柄について―：柴田隆司、堀部　徹、小田恵美子、平　紀子，就実論叢 48 巻 p.245-252,2018 ・小児用医薬品開発の意義―患者、薬剤師、製薬企業の立場からのレギュラトリーサイエンス研究－：西村（鈴木）多美子,青木孝文,柴田隆司，就実論叢 47 巻 p.247-263, 2018 ・在宅医療で用いられる医療材料に関した研修報告：柴田隆司,小川　光,池田優也,相良圭亮,井上　紫,寺本敬志,長岡俊幸,毎熊隆誉,安倉　央，就実論叢 47 巻 p.309-319, 2018 ・臨床基礎科目への反転授業挿入の試み：柴田隆司,瀬戸麻貴，就実論叢 45 巻 p.343-351,2016 薬学臨床科目の学力向上を目的とした工夫について―試験回数を増加させた影響について―：柴田隆司,島田憲一,加地弘明,毎熊隆誉,高見陽一郎，就実論叢 46 巻 p.263-271, 2017 ・薬局実務実習において本学学生が関与した症例の検討について―地域における薬局の在り方を考えさせた事例紹介―：柴田隆司,宮崎紅留美,末丸克矢,西村（鈴木）多美子,松垣裕明,阿部　吏，就実論叢 45 巻 p.313-318, 2016

氏　名	手嶋　大輔（てしま　だいすけ）
学位	薬学博士
主要研究業績	・抗菌薬 TDM ガイドライン 2016 におけるバンコマイシン初期投与設計に対する eGFR を用いたノモグラムの検証－軽度から中等度の腎機能低下患者における検討－（増田，毎熊，広本，春木，杉山，手嶋）　TDM 研究, 34（4）132-136 (2017). ・腎機能に着目したバンコマイシン TDM 解析ソフトの特性に基づいた初期投与設計（春木，広本，岡，春木，増田，杉山，手嶋、近藤，毎熊）就実大学薬学雑誌 1, 47-54 (2016). 薬剤師から見た医師主導バンコマイシン初期投与設計の評価（増田，毎熊，広本，春木，杉山，近藤，手嶋）就実大学薬学雑誌 1, 62-70 (2016). ・療養病棟における入院 9 週目以降での薬剤師の介入効果-病棟薬剤業務における処方提案-（渡辺，毎熊，難波，山崎，高取,廣本，賀勢，今井，安藤，手嶋）医療薬学 42(8), 551-557(2016) ・ Impact of pharmacist intervention on preventing nephrotoxicity from vancomaycin. (N. Masuda, T. Maiguma, A. Komoto, Y. Haruki, T. Sugiyama, S. Kondo, D. Teshima)　International Journal of clinical pharmacology and therapeutics, 53(4), 284-291(2015).

氏　名	小野　浩重（おの　ひろしげ）
学位	博士（薬学）
主要研究業績	・Kaji H., Inukai Y., Maiguma T., Ono H., Teshima D., Hiramoto K. and Makino K, “Radical scavenging activity of bisbenzylisoquinoline alkaloids and traditional prophylactics against chemotherapy-induced oral mucositi”,J ClinPharmTher., 34(2008) ・Toorisaka E., Hashida M., Kamiya N., Ono H., Kokazu Y. and Goto M.,“An enteric-coated dry emulsion formulation for oral insulin delivery”,J Control Release,107(1), (2005) ・Toorisaka E., Ono H., Arimori K., Kamiya N. and Goto M.,“Hypoglycemic effect of surfactant-coated insulin solubilized in a novel solid-in-oil-in-water (S/O/W) emulsion”, Int. J. Pharm., 252（2003）

氏　名	名和　秀起（なわ　ひでき）
学位	博士（薬学）
主要研究業績	・万代　康弘，小川　敦，山田　あかね，西宮　祐輔，日野　隼人，白石　奈緒子，勝部　理早，蔵田　靖子，大月　理恵子，大川　恭昌，山地　恵民，錦織　淳美，名和　秀起，大澤　晋，千堂　年昭，那須　保友「病院薬剤師対象シミュレーション教育実践に向けた研究会発足　病院薬剤師教育実践報告と教育効果の考察」，新しい医学教育の流れ　vol. 17 (2017) ・座間味義人、江角　悟、相良英憲、槙田崇志、天野　学、安藤哲信、名和秀起、北村佳久、千堂年昭、名倉弘哲「光に対して不安定な薬剤を経管投与する際の有効な投与方法の開発」，医学と薬学　vol.73 (2016) ・東恩納　司、名和秀起、河崎陽一、松島幸枝、西本仁美、矢尾和久、北村佳久、千堂年昭「抗がん剤投与時における看護師への暴露状況の調査と対策」，日本病院薬剤師会雑誌　vol. 51 (2015) ・Tamaki C, Nawa H, Takatori S, Oda S, Sendo T, Zamami Y, Kawasaki H. Anandamide induces endothelium-dependent vasoconstriction and CGRPergic nerve-mediated vasodilatation in the rat mesenteric vascular bed. J Pharmacol Sci. 2012;118(4):496-505. ・Hideki Nawa, Hiromu Kawasaki, Yuji Kurosaki Different Prostanoids Are Involved in Bradykinin-Induced Endothelium-Dependent and -Independent Vasoconstriction in Rat Mesenteric Resistance Arteries. Journal of Pharmacological Sciences ;94(2):115-121 (2004)

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