

## 福島県立医科大学 学術機関リポジトリ



Title	病態制御薬理医学講座( 論文・著書・発表等 )
Author(s)	
Citation	福島県立医科大学業績集. 2: 10-12
Issue Date	2022-03-22
URL	<a href="http://ir.fmu.ac.jp/dspace/handle/123456789/1719">http://ir.fmu.ac.jp/dspace/handle/123456789/1719</a>
Rights	©2022 福島県立医科大学
DOI	
Text Version	publisher

This document is downloaded at: 2024-04-23T16:29:32Z

関根英治. 感染症と補体・凝固線溶系. *Thrombosis Medicine*. 202012; 10(4):274-280.

堀内孝彦, 大澤勲, 今井優樹, 大谷克城, 関根英治, 塚本浩, 中尾実樹, 西村純一, 水野正司, 村上良子, 山本哲郎, 木下タロウ, 大井洋之, 井上徳光, 若宮伸隆, 野々山恵章. 遺伝性血管性浮腫 (Hereditary angioedema : HAE) 診療ガイドライン 改訂 2019 年版. 補体. 202012; 57(1):3-22.

## 研究発表等

### 〔研究発表〕

大口泰治, 大森智子, 加藤寛, 板垣可奈子, 小笠原雅, 笠井暁仁, 新竹広晃, 町田豪, 関根英治, 石龍鉄樹. 加齢黄斑変性の VEGF 阻害薬治療前後での anaphylatoxin 濃度. 第 124 回日本眼科学会; 20200427-0510; Web.

## 病態制御薬理医学講座

## 論 文

### 〔原 著〕

Shimizu M, Manome T, Kumami M, Matsumura K, Kanai K, Shimomura K, Maejima Y. Detection of NUCB2/nesfatin-1 in cerebrospinal fluid of multiple sclerosis patients. *Aging*. 202012; 12(23):24134-24140.

Imai R, Horita S, Ono Y, Hagihara K, Shimizu M, Maejima Y, Shimomura K. Goshajinkigan, a Traditional Japanese Medicine, Suppresses Voltage-Gated Sodium Channel Nav1.4 Currents in C2C12 Cells. *BioResearch Open Access*. 202004; 9(1):116-120.

Hidema S, Kikuchi S, Takata R, Yanai T, Shimomura K, Horie K, Nishimori K. Single administration of resveratrol improves social behavior in adult mouse models of autism spectrum disorder. *Bioscience, Biotechnology, and Biochemistry*. 202011; 84(11):2207-2214.

Misaka S, Abe O, Ono T, Ono Y, Ogata H, Miura I, Shikama Y, Fromm MF, Yabe H, Shimomura K. Effects of single green tea ingestion on pharmacokinetics of nadolol in healthy volunteers. *British Journal of Clinical Pharmacology*. 202011; 86(11):2314-2318.

Misaka S, Shimomura K. Atorvastatin-Green Tea Interaction: Possible Mechanisms are Complicated, But Clinical Relevance is Not? *European Journal of Drug Metabolism and Pharmacokinetics*. 202006; 45(3):423-425.

Hayashi R, Kasahara Y, Hidema S, Fukumitsu S, Nakagawa K, Nishimori K. Oxytocin Ameliorates Impaired Behaviors of High Fat Diet-Induced Obese Mice. *Frontiers in Endocrinology*. 202007; 11:379.

Nagata K, Okada A, Ohtsuka J, Ohkuri T, Akama Y, Sakiyama Y, Miyazaki E, Horita S, Katayama T, Ueda T, Tanokura M. Crystal structure of the complex of the interaction domains of *Escherichia coli* DnaB helicase and DnaC helicase loader: structural basis implying a distortion-accumulation mechanism for the DnaB ring opening caused by DnaC binding. *Journal of Biochemistry*. 202001; 167(1):1-14.

Oduori OS, Murao N, Shimomura K, Takahashi H, Zhang Q, Dou H, Sakai S, Minami K, Chanclon B, Guida C, Kothegala L, Tolö J, Maejima Y, Yokoi N, Minami Y, Miki T, Rorsman P, Seino S. Gs/Gq signaling switch in  $\beta$  cells defines incretin effectiveness in diabetes. *Journal of Clinical Investigation*. 202012; 130(12):6639-6655.

Yahara H, Horita S, Yanamoto S, Kitagawa Y, Asaka T, Yoda T, Morita K, Michi Y, Takechi M, Shimasue H, Maruoka Y, Kondo E, Kusakawa J, Tsujiguchi H, Sato T, Kannon T, Nakamura H, Tajima A, Hosomichi K, Yahara K. A Targeted Genetic Association Study of the Rare Type of Osteomyelitis. *Journal of Dental Research*. 202003; 99(3):271-276.

Hirayama T, Hiraoka Y, Kitamura E, Miyazaki S, Horie K, Fukuda T, Hidema S, Koike M, Itakura A, Takeda S, Nishimori K. Oxytocin induced labor causes region and sex-specific transient oligodendrocyte cell death in neonatal mouse brain. *Journal of Obstetrics and Gynaecology Research*. 202001; 46(1):66-78.

Newmaster KT, Nolan ZT, Chon U, Vanselow DJ, Weit AR, Tabbaa M, Hidema S, Nishimori K, Hammock EAD, Kim Y. Quantitative cellular-resolution map of the oxytocin receptor in postnatally developing mouse brains. *Nature Communications*. 202004; 11(1):1885.

Shiimura Y, Horita S, Hamamoto A, Asada H, Hirata K, Tanaka M, Mori K, Uemura T, Kobayashi T, Iwata S, Kojima M. Structure of an antagonist-bound ghrelin receptor reveals possible ghrelin recognition mode. *Nature Communications*. 202008; 11(1):4160.

Maejima Y, Yokota S, Horita S, Shimomura K. Early life high-fat diet exposure evokes normal weight obesity. *Nutrition & Metabolism*. 202006; 17:48.

Maejima Y, Horita S, Otsuka A, Hidema S, Nishimori K, Shimomura K. Oral oxytocin delivery with proton pump inhibitor pretreatment decreases food intake. *Peptides*. 202006; 128:170312.

Ono Y, Maejima Y, Saito M, Sakamoto K, Horita S, Shimomura K, Inoue S, Kotani J. TAK-242, a specific inhibitor of Toll-like receptor 4 signalling, prevents endotoxemia-induced skeletal muscle wasting in mice. *Scientific Reports*. 202001; 10(1):694.

Horiai M, Otsuka A, Hidema S, Hiraoka Y, Hayashi R, Miyazaki S, Furuse T, Mizukami H, Teruyama R, Tamura M, Bito H, Maejima Y, Shimomura K, Nishimori K. Targeting oxytocin receptor (Oxtr)-expressing neurons in the lateral septum to restore social novelty in autism spectrum disorder mouse models. *Scientific Reports*. 202012; 10(1):22173.

堀田彰一郎, 前島裕子, 重富秀一, 下村健寿. オーク樽を用いた日本酒熟成による抗炎症成分抽出. 日本農村医学学会雑誌. 202007; 69(2):121-125.

## 研究発表等

### 〔研究発表〕

大塚彩乃, 猪股みなみ, 日出間志寿, 西森克彦. 4つの環境要因型 ASD モデルマウスの表現型比較と Oxytocin の効果. 第 43 回日本神経科学大会; 20200729-0801; Web.

## 微生物学講座

## 論文

### 〔原 著〕

Iguchi A, Yamamoto S, Oda A, Tanaka K, Kazama JJ, Saeki T, Yamazaki H, Ishioka K, Suzutani T, Narita I. Effect of sucroferic oxyhydroxide on gastrointestinal microbiome and uremic toxins in patients with chronic kidney disease undergoing hemodialysis. *Clinical and Experimental Nephrology*. 202008; 24(8):725-733.

Kotani H, Koshizuka T, Matsubara K, Nishiyama K, Sugiyama T, Suzutani T. Relationship between human  $\beta$ -defensin 2 and the vaginal environment. *Japanese Journal of Infectious Diseases*. 202005; 73(3):214-220.

Ishioka K, Nishiyama K, Suzutani T. Draft genome sequence of the *Lactococcus lactis* 11/19-B1 strain, isolated from kiwifruit. *Microbiology Resource Announcements*. 202009; 9(36):e00793-20.

Suzuki T, Nishiyama K, Kawata K, Sugimoto K, Isome M, Suzuki S, Nozawa R, Ichikawa Y, Watanabe Y, Suzutani T. Effect of the *Lactococcus lactis* 11/19-B1 strain on atopic dermatitis in a clinical test and mouse model. *Nutrients*. 202003; 12(3):763.

Miyazaki N, Katsura R, Hamada K, Suzutani T. Blueberry prevents the bladder dysfunction in bladder outlet obstruction rats by attenuating oxidative stress and suppressing bladder remodeling. *Nutrients*. 202005; 12(5):1285.

Yokouchi Y, Suzuki S, Ohtsuki N, Yamamoto K, Noguchi S, Soejima Y, Goto M, Ishioka K, Nakamura I, Suzuki S, Takenoshita S, Era T. Rapid repair of human disease-specific single-nucleotide variants by One-SHOT genome editing. *Scientific Reports*. 202008; 10(1):13927.