

SCIENTIFIC ACHIEVEMENTS OF SHINSHU UNIVERSITY SCHOOL OF
MEDICINE, SHINSHU UNIVERSITY GRADUATE SCHOOL OF MEDICINE,
AND SHINSHU UNIVERSITY HOSPITAL

信州大学医学部医学科・大学院医学系研究科・医学部附属病院業績録
No.47 (2018)



信州大学医学部業績録編集要項（抜粋）

（平成28年12月29日改正）

2. 収録対象

信州大学医学部医学科・大学院医学系研究科・医学部附属病院及び出版委員会で認められた施設等に所属する者（当該年に在籍した者全員）

3. 収録内容

収録対象は、本文が欧文で執筆された研究業績とし、次の3項目に分ける。

1) 論文

原著、綜説、展望、症例報告、速報、予報で、査読のある学術雑誌に発表のもの。
学術集会記録（全国的又は世界的規模の集会記録で、原著論文と同様の内容もち、別刷が発行されているもの）

2) 著書

単行書、分担執筆。

3) その他

治療指針、トピックス、事典等、専門的知見にもとづき執筆された、論文形式の記事

ただし、以下のものは除外する。

- (イ) 学会発表の抄録（邦文、欧文を問わない。論文型式をとっていても学会発表に関するもの及び1頁ものの速報は抄録とみなす）
- (ロ) セミナー、シンポジウム、その他の講演のテキストないし記録。
- (ハ) 業務報告書（文部科学省、厚生労働省、その他助成機関への研究報告書）
- (ニ) 座談会記事。
- (ホ) 学会記。
- (ヘ) 論文形式をとらない質疑応答（Q and A）、問題集の解説、話題、グラビア等に類するもの。
- (ト) 新聞・週刊誌記事、教育に関する記事、人物紹介、書評、随筆など学術性が認められないもの。
- (チ) 著者表示が団体名で個人の著者性が認められないもの。

4. 収録期間

毎年1月～12月

SCIENTIFIC ACHIEVEMENTS OF
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SHINSHU UNIVERSITY GRADUATE SCHOOL OF MEDICINE,
AND SHINSHU UNIVERSITY HOSPITAL

信州大学医学部医学科・大学院医学系研究科・

医学部附属病院業績録

No. 47

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I. Scientific Achievements of Shinshu University School of Medicine, Shinshu University Graduate School of Medicine, and Shinshu University Hospital

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Aging Biology

- 20180001 Huo J, Xu Z, Hosoe K, Kubo H, Miyahara H, Dai J, Mori M, Sawashita J, Higuchi K : Coenzyme Q10 Prevents Senescence and Dysfunction Caused by Oxidative Stress in Vascular Endothelial Cells. *Oxid Med Cell Longev* : 3181759, 2018.
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Molecular Pathology

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adenocarcinoma possibly developed from the cut-end of small-sized adenocarcinoma in the lung periphery as recurrence 13 years after its wedge resection. *Surg Case Rep* 4: 2, 2018.

- 20180009 Fuke M, Narita M, Wada Y, Seto T, Okada K, Nakayama J, Izumi H, Ito KI : Increased Expression of Y-Box-Binding Protein-1 in Hind-Limb Muscles During Regeneration from Ischemic Injury in Mice. *Tohoku J Exp Med* 244: 53-62, 2018.
- 20180010 Yamanoi K, Nakayama J : Reduced α GlcNAc glycosylation on gastric gland mucin is a biomarker of malignant potential for gastric cancer, Barrett's adenocarcinoma, and pancreatic cancer. *Histochem Cell Biol* 149: 569-575, 2018.
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Metabolic Regulation

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- 20180022 Wakabayashi SI, Kimura T, Tanaka N, Joshita S, Kawata K, Umemura T, Hiroshima Y, Mori H, Kobayashi H, Wada S, Tanaka E : Emergence of anti-mitochondrial M2 antibody in patient with angioimmunoblastic T-cell lymphoma. *Clin J Gastroenterol* 11: 302-308, 2018.
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- 20180025 Zhai L, Sakurai T, Kamiyoshi A, Ichikawa-Shindo Y, Kawate H, Tanaka M, Xian X, Hirabayashi K, Dai K, Cui N, Tanimura K, Liu T, Wei Y, Tanaka M, Tomiyama H, Yamauchi A, Igarashi K, Shindo T : Endogenous calcitonin gene-related peptide suppresses ischemic brain injuries and progression of cognitive decline. *J Hypertens*. 36: 876-891, 2018.
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- 20180027 Uchida K, Kamijo Y, Ikegawa S, Masuki S, Nose H : Interval walking training and nutritional intake to increase plasma volume in elderly. *Med Sci Sports Exerc* 50: 151-158, 2018.
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- 20180038 Spaans F, Quon A, Rowe SR, Morton JS, Kirschenman R, Sawamura T, Tannetta DS, Sargent IL, Davidge ST : Alterations in vascular function by syncytiotrophoblast extracellular vesicles via lectin-like oxidized low-density lipoprotein receptor-1 in mouse uterine arteries. *Clin Sci (Lond)* 132: 2369-2381, 2018.

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- 20180048 Osanai Y, Shimizu T, Mori T, Hatanaka N, Kimori Y, Kobayashi K, Koyama S, Yoshimura Y, Nambu A, Ikenaka K : Length of myelin internodes of individual oligodendrocytes is controlled by microenvironment influenced by normal and input-deprived axonal activities in sensory deprived mouse models. *Glia* 66(11): 2514-2525, 2018.

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- 20180049 Hiratsuka S, Tomita T, Mishima T, Matsunaga Y, Omori T, Ishibashi S, Yamaguchi S, Hosogane T, Watarai H, Omori-Miyake M, Yamamoto T, Shibata N, Watanabe

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- 20180067 Endo Y, Koga T, Ishida M, Fujita Y, Tsuji S, Takatani A, Shimizu T, Sumiyoshi R, Igawa T, Umeda M, Fukui S, Nishino A, Kawashiri SY, Iwamoto N, Ichinose K, Tamai M, Nakamura H, Origuchi T, Agematsu K, Yachie A, Masumoto J, Migita K, Kawakami A : Musculoskeletal manifestations occur predominantly in patients with later-onset familial Mediterranean fever: Data from a multicenter, prospective national cohort study in Japan. *Arthritis Res Ther* 20: 257, 2018.
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- Microbiology and Immunology**
- 20180070 Tsumoru Nakada, Toshihide Kashihara, Masatoshi Komatsu, Katsuhiko Kojima, Toshikazu Takeshita and Mitsuhiko Yamada : Physical interaction of junctophilin and the Cav1.1C terminus is crucial for skeletal muscle contraction. *Proc. Natl. Acad. Sci. USA* 115: 4507-4512, 2018.
- Medical Genetics**
- 20180071 Yoshizawa T, Mizumoto S, Takahashi Y, Shimada S, Sugahara K, Nakayama J, Takeda S, Nomura Y, Nitahara-Kasahara Y, Okada T, Matsumoto K, Yamada S, Kosho T : Vascular abnormalities in the placenta of Chst14-/- fetuses: implications in the pathophysiology of perinatal lethality of the murine model and vascular lesions in human CHST14/D4ST1 deficiency. *Glycobiology*. 28: 80-89, 2018.
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あ と が き

信州大学医学部医学科・大学院医学系研究科・医学部附属病院業績録第47号をお届けします。本業績録は過去1年間、各教室や部門などでなされた4つの活動（研究活動、教育活動、診療活動、社会貢献）のうち、研究活動の成果として公表された論文を中心にまとめたものです。自己点検、自己評価、学内・学外への報告において、本業績録の役割は重要と思われます。この1年の研究活動を振り返り、今後の方向性を考える契機にいただければ幸いです。

学術論文が公表されるまでには大変なエネルギーが必要となります。各著者の研究は、医学医療における問題や疑問から解明したい目的を定め、その目的を達成するために具体的研究計画を立て、資金を調達し、倫理審査を受け、実験あるいは臨床研究を行ってデータを集め、データと対峙し考え、人にいかにわかりやすく伝えるかを熟考しながら執筆し、投稿先を定め、査読を受け、査読者と編集委員長と議論を重ねて内容を深めて承諾を受け、晴れて学術論文として日の目を見ます。2018年度の医学部の英文論文数は491本でした。研究経費確保の困難さ、人員不足、診療業務の増加など研究活動にかかるエフォート確保が難しい中で、少しずつその論文業績総数が増加していることにつき、すべての信州大学医学部の著者に敬意を表します。出版委員として、公表された論文それぞれに著者のエネルギーが凝縮されていることを感じながら、業績録への記録の是非をチェックさせていただきました。

粗悪学術誌（いわゆるハゲタカジャーナル）が問題となっております。学術業績の高い研究者の下には、日々そのような雑誌への投稿や原稿査読の依頼が届いていることと思います。今回の業績チェックでも、そのような雑誌や雑誌社に該当しないかをしっかりと評価いたしました。信州大学「オープンアクセスジャーナル投稿ガイドライン」https://www.shinshu-u.ac.jp/hq/research-integrity/news/asset_items/74yakubu_07.pdfをご投稿や査読前にぜひご参照下さい。

世界中で新型コロナウイルス感染症が深刻化して、教育・診療・研究ほか、あらゆる面で行動制限が要されております。このような時こそ、信州大学医学部として根拠に基づいた学術活動を行い社会貢献に努めるべきと強く思います。

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