

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.49 (2020)



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をも
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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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. 49

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Molecular Pathology

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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49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あり、1年の研究活動を振り返り、今後の方向性を考える上で重要な資料になり得ると考えますので、是非お役立てください。

自然科学分野の論文数における日本の順位は、直近（2017年-2019年の平均）では第4位であり、20年前は第2位であったものが2000年代前半に第3位となり、低迷が続いています。日本では論文生産の70%以上を大学等の部門が担っていますが、論文数/Top10%補正論文数で見ると、第1グループ（大阪大、京都大、東京大、東北大）と第3グループ（26大学：主として地方国立大学）の減少幅が大きいことが最近の特徴です。このような状況への対策として、文部科学省は「地域中核・特色ある研究大学総合振興パッケージ」を策定し、欧米の主要大学のように、大学自らがファンドを形成し、その運用益から研究基盤や若手研究者への投資を行う大学ファンド構想を展開しています。特に地域の多様な大学の力を伸ばして上位大学に続く層の厚みを形成しながら、その中で研究を支える人材の育成と環境およびポスト等の強化を目指していますので、信州大学としては国の方針に沿っていくことが得策であることは言うまでもありません。しかしながら、医学部を取り巻く環境はどうでしょう？大学病院では新型コロナウイルス感染症対策によるコスト増・収益減が生じ、苦しい経営状況下ではメディカルスタッフを増員することもできず、医師の負担は増える一方です。また、働き方改革によって労働時間への規制が入るなか、頼みとなる人員も、都会志向が強い若手医師は地域の大学病院にはなかなか残ってくれません。他方で、高度医療の推進、医療安全向上のために医師の労力や労働時間は増え、研究や論文執筆の時間もいよいよ無くなりつつあります。前述の働き方改革では、治療のための文献検索や研究はもちろん、その結果（基礎・臨床研究共に）を発表する論文作成の時間も、労働時間では無く自己研鑽に分類される可能性もあります。

このような環境にありながら、2020年度の信大医学部の論文数は543と2019年度の447を大きく上回っています。これはひとえに信州大学医学部の皆様の努力の成果であり、心から敬意を表したいと思います。一方で個人の努力に依存するのではなく、今後押し寄せる医学部への負のスパイラルを断ち切り、信州大学医学部の科学力・研究力を強化しながら論文数の増加を目指すには、組織のエネルギーともいえる若者の力を中心にした大きな組織改革が必要であると考えています。

最後に、本業績録の編集にあたりご尽力頂きました先生方、図書館職員の方々に厚く御礼申し上げます。

信州大学・医学部・外科学教室 呼吸器外科学分野 清水公裕

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