

Scientific Achievement
of Kobe University
Graduate School of Medicine /
School of Medicine

神戸大学
大学院医学研究科・医学部研究業績集

平成29年度

はじめに

神戸大学大学院医学研究科は、平成 13 年度の大学院部局化を機にした大幅な組織再編を始めとして、研究教育組織・体制の不断の点検・強化を行ってきました。その結果、故西塚泰美教授を始めとする先達の功績により「細胞内シグナル伝達研究の神戸大学医学部」として名を馳せてきた伝統をさらに発展させ、医学系分野 21 世紀 COE プログラム（平成 15～19 年度）や生命科学分野（平成 19～23 年度）及び医学系分野（平成 20～24 年度）の 2 つのグローバル COE プログラムへの採択等を通じて、膜生物学と細胞内シグナル伝達及びその異常であるシグナル伝達病（糖尿病や癌など）の世界最高水準の研究教育拠点として活動を続けてきました。さらに、平成 25 年度には、グローバル COE プログラムの後継である「卓越した大学院拠点形成支援補助金」に採択され、上記研究教育活動を継続・発展させることができました。それと並行して、新興・再興感染症研究拠点形成プログラム（平成 17～21 年度、平成 22 年度～26 年度、平成 27 年度～）への三期にわたる採択等を通じて、インドネシアを始めとする ASEAN 諸国における感染症研究も活発に進めてきました。

平成 24 年度には、がんプロフェッショナル養成基盤推進プラン「7 大学連携先端的がん教育基盤創造プラン」（平成 29 年度よりさらに継続）、基礎・臨床を両輪とした医学教育改革によるグローバルな医師養成事業「基礎・臨床融合による基礎医学研究医の養成」、大学の世界展開力事業「ASEAN 諸国との連携・協働による次世代医学・保健学グローバルリーダーの育成」などに採択されました。これもひとえに、当医学研究科・医学部の構成員のたゆまぬ努力の賜物であり、その果実である出版物の平成 29 年度中に公表されたものを本医学研究科・医学部研究業績集としてまとめ、ここに公開させていただきます。

近年、日本の医学・医療ならびに国立大学法人を取り巻く環境はますます厳しさを増しております。そのような中で、当医学研究科・医学部の構成員が医学・生命科学や医療にかかる「研究」「教育」および「診療」に真摯に取り組んでいることを、本業績集の内容から少しでも感じとっていただけたら幸甚に存じます。最近の国立大学・学部のミッション再定義を通じた機能強化に向けた大学改革プラン等により「選択と集中」の圧力は増すばかりですが、当医学研究科・医学部は、平成 28 年度、メディカルイノベーション創出をより加速、効率化するため、シグナル伝達医学研究を展開する学内センターを設立いたしました。さらに、学内の国際交流活動を統括する部署として、「次世代国際交流センター」を設立して、新興・再興感染症の研究など実績ある東南アジア諸国との共同研究だけでなく、欧米諸国との戦略的な国際共同研究を進める体制を確立しました。これらにより、世界最高水準の研究拠点の形成やさまざまな領域において社会に貢献する優れた人材の養成を進めていく所存です。未筆ながら、本業績集の編纂にあたり、多大のご協力を頂きました医学部情報センターの皆様から感謝申し上げます。

神戸大学大学院医学研究科長・医学部長
的崎 尚

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【生理学・細胞生物学講座

Department of Physiology and Cell Biology】

膜動態学 Division of Membrane Dynamics

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神経分化・再生 Division of Neural Differentiation and Regeneration

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血管生物学 Division of Vascular Biology

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【生化学・分子生物学講座

Department of Biochemistry and Molecular Biology】

生化学 Division of Biochemistry

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口腔外科学 Division of Oral and Maxillofacial Surgery

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医学教育学 地域医療支援学

Section of Community Medicine and Career Development

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