

Institute of Advanced Medical Sciences (先端酵素学研究所)

(URL: <http://www.iams.tokushima-u.ac.jp/about/>)

The Institute of Advanced Medical Sciences (IAMS) was established in 2016 by reorganizing the Institute for Enzyme Research and the Institute for Genome Research, and by annexing the Fujii Memorial Institute of Medical Sciences and Diabetes Therapeutics and Research Center. It has been also certified as Joint Usage / Research Center in the Ministry of Education, Culture, Sports, Science, and Technology.

IAMS consists of 3 main divisions and 17 laboratories: The “Basic Research Division” aims to elucidate the pathophysiology and apply medical applications based on the leading research results as the only enzyme research base in Japan. The “Priority Research Division” aims to create and lead new academic fields by grasping lifestyle-related diseases such as diabetes, which is a typical disease of Tokushima Prefecture, as well as cancer and immune diseases with a common underlying pathology of “chronic inflammation”. “Technology Development Support Team” strongly supports individual research activities and research collaborations. We promote cutting-edge medical science research in these divisions, aiming to realize a healthy and long-lived society. IAMS is also firmly committed to the education at graduate and undergraduate schools at Tokushima University to foster young researchers who will lead the next generation. We welcome ambitious undergraduate, master and doctoral students worldwide.

先端酵素学研究所は、2016年に疾患酵素学研究センターと疾患プロテオゲノム研究センターを統合し、藤井節郎記念医科学センターと糖尿病臨床・研究開発センターを附属施設として設立されました。また、文部科学省から全国共同利用・共同研究拠点の認定を受けている学内外へ開かれた研究施設です。現在3つの部門を擁しており、我が国唯一の酵素学研究拠点としての先導的成果を基盤に病態解明と医療応用を目指す「基幹研究部門」、糖尿病・がん・免疫疾患等を“慢性炎症”という共通基盤病態で捉え、新たな学術領域の創出と牽引を目指す「重点研究部門」、個々の研究活動と拠点形成を強力にサポートする「技術開発支援部門」の3部門17研究分野にて最先端の医科学研究を展開し、健康長寿社会の実現を目指しています。同時に、次世代を担う若手研究者の育成を目的として大学院・学部教育にも力を入れており、国際的視野を有した意欲ある学部学生・修士/博士課程学生の参加を歓迎しています。

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2021 Organization overview



Top: IAMS member's photo

Bottom: Journal seminar & progress meeting

