

## 研究業績 英文表記

和文	
表題	ゴールデンハクスターの歯根膜におけるリンパ管の組織化学的検査:マグネシウムイオンを添加することによる5'ヌクレオチダーゼの活性化の試み
著者名	奈良栄介、大澤得二、Jung-Chou Liang、Yaoguang Wang、野坂洋一郎
所属	岩手医科大学歯学部口腔解剖学第一講座
英文	
Title	Enzyme- histochemical demonstration of lymphatic vessels in the golden hamster periodontium: An attempt to reactivate the 5'-nucleotidase activity with Mg <sup>++</sup> ion supply
Author	Eisuke NARA, Tokuji OSAWA, Jung-Chou Liang, Yaoguang Wang, and Yohichiro NOZKA
Affiliation	Oral Anatomy 1, Iwate Medical University School of Dentistry
Abstract	Enzyme-histochemical demonstration of lymphatic vessels in the golden hamster periodontium was performed on cryostat sections using the 5'-nucleotidase (5'-Nase) staining method by light microscopy and backscattered electron imaging of scanning electron microscopy. The inhibition of the 5'-Nase activity by decalcification was cancelled by the Mg <sup>++</sup> ion supply. The reaction products of 5'-Nase activity were produced on the lymphatic endothelial cells and the tubular structures of lymphatic vessels were seen as highlights by backscattered electron imaging. The invasion of 5'-Nase-positive lymphatic vessels into the alveolar bone from the periodontium was found in the present study.
keyword	lymphatic vessel, periodontium, 5'-nucleotidase, backscattered electron imaging, golden hamster

※本データの英文表記は実際の論文上の表記とは異なります。