

研究業績 英文表記

和文	
表題	表皮基底膜の研究 (I): 結合組織側の走査電子顕微鏡的観察表皮基底膜の研究
著者名	大澤得二、Xuejun XIE、Jung-Chou LIANG、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	Study on the epidermal basement membrane (1): Scanning electron microscopic observations on the interstitial surface
Author	Tokuji OSAWA, Xuejun XIE, Jung-Chou LIANG and Yohiciro NOZAKA
Affiliation	Department of Oral Anatomy, Iwate Medical University School of Dentistry
Abstract	The skin on the back of 3-day-old ddY mouse was treated with dithiothreitol solution in phosphate buffered saline for the separation on the epidermis from the dermis. The connection between the epidermis and the epidermal basement membrane was preserved, but the epidermal basement membrane was detached from the dermal collagen layer. With this preparation, the scanning electron microscopic observation on the interstitial surface of the epidermal basement membrane was possible. Three-day-old mouse epidermal basement membrane displayed a meshwork structure composed of fine fibrils. The anchoring fibrils projecting to the interstitial side from the meshwork were observed by scanning electron microscopy in the present study.
keyword	basement membrane, dithiothreitol-separation, scanning electron microscopy, anchoring fibril

※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。