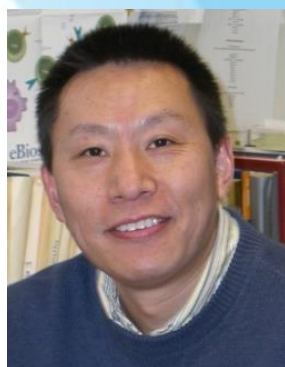


Intrinsic differences between oral mucosa and skin lead to privileged oral wound healing



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Wound healing is a complex, multi-step process composed of four chronological stages. The wound healing process in skin always ends with scar formation. However, the healing of oral mucosal wounds is significantly faster than skin wounds. More interestingly, oral wounds heal with minimal to no scarring. Studies in our laboratory have shown that, in comparison to skin wounds, oral wounds exhibit less infiltration of neutrophils, macrophages, and T lymphocytes, as well as decreased inflammatory cytokines and chemokines.

I will demonstrate our experimental data in this seminar that skin transplanted into the oral cavity maintains its morphology, suggesting that the tissue repair is likely to involve site-specific characteristics of mucosa and is not simply driven by environmental factors.

日時：2019年11月1日 (金) 18:00~19:30

会場：順天堂大学医学部附属浦安病院8階
環境医学研究所カンファレンスルーム

