The competition for active TGFβ augments accumulation of antigen-specific CD8+ T cells in murine melanoma. B Nagao1, T. Akihisa2, Y. Kato3, Y. Sotani2 and T. Takahashi4 1 Department of Dermatology, Graduate School of Medical Sciences, Kyushu University, Fukuoka, Japan. 2 Department of Dermatology, National Cancer Center Research Institute, Tokyo, Japan. 3 Department of Dermatology, Chiba University, Chiba, Japan. 4 Department of Dermatology, Keio University School of Medicine, Tokyo, Japan.

Our results suggest that TGFβ plays an important role in promoting the accumulation of antigen-specific CD8+ T cells in murine melanoma.

Loss of DLX3 tumor suppressor function is associated with poor prognosis in human SCC. D Bajpai1, S Mehdizadeh1, A Uchiyama2, Y Inoue2, A Sawaya1, A Overmiller1, S Brooks1, M Kelleher1, J Palazzo1, S Motegi3, S Yuiya4, C Catsimasson1 and M Morasso1 1 National Institute of Arthritis and Musculoskeletal and Skin Diseases, Bethesda, Maryland, United States. 2 Saitama Ika Daigaku, Hidaka, Saitama, Japan. 3 National Cancer Institute, Bethesda, Maryland, United States.

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Parallels between wound healing and cancer: An avenue to cancer therapeutics. CY Tuong, Y Miao and E Fuchs 1 Rockefeller University, New York, New York, United States. 2 Fuchs Laboratory of Mammalian Cell Biology and Development, Rockefeller University, New York, New York, United States.

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Glucose-6-phosphate dehydrogenase is a promising predictor of immunotherapy response for Merkel cell carcinoma. M Nakamura1, K Nagase2, M Yoshihitsu2, T Magara3, Y Nogita3, H Kato4, T Kobayashi5, T Yamashita6, M Usuki7, H Yamauchi3, Y Umemori8, D Ogata9 and A Mortl1 1 Nagoya Shrinu Daigaku, Nagoya, Aichi, Japan. 2 Saga Daigaku, Saga, Japan. 3 Kanazawa IKA Daigaku, Kanazawa, Ishikawa, Japan. 4 Saitama Ika Daigaku, Kosoai, Iryo Center, Hiedaka, Saitama, Japan. 5 Gunma Daigaku, Maebashi, Gunma, Japan. 6 Yokohama Shrinu Daigaku, Yokohama, Kanagawa, Japan. 7 Osaka Shrinu Daigaku, Osaka, Okawa, Japan. 8 Nagakage Sekkui Byoin, Nagaka, Niigata, Japan. 9 Saitama Ika Daigaku, Iruma-gun, Saitama, Japan.

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