Author's Accepted Manuscript

Follicular helper T cells promote the effector functions of CD8⁺ T cells via the provision of IL-21, which is downregulated due to PD-1/PD-L1-mediated suppression in colorectal cancer

Weiwei Shi, Lin Dong, Qiong Sun, Hong Ding, Jing Meng, Guanghai Dai



PII:S0014-4827(18)30463-4DOI:https://doi.org/10.1016/j.yexcr.2018.09.006Reference:YEXCR11192

To appear in: Experimental Cell Research

Received date: 13 July 2018 Revised date: 2 September 2018 Accepted date: 7 September 2018

Cite this article as: Weiwei Shi, Lin Dong, Qiong Sun, Hong Ding, Jing Meng and Guanghai Dai, Follicular helper T cells promote the effector functions of CD8⁺ T cells via the provision of IL-21, which is downregulated due to PD-1/PD-L1-mediated suppression in colorectal cancer, *Experimental Cell Research*, https://doi.org/10.1016/j.yexcr.2018.09.006

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting galley proof before it is published in its final citable form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

ACCEPTED MANUSC

Follicular helper T cells promote the effector functions of CD8⁺ T cells via the provision of IL-21, which is downregulated due to PD-1/PD-L1-mediated suppression in colorectal cancer

Weiwei Shi¹¹, Lin Dong^{2,1}, Qiong Sun¹, Hong Ding¹, Jing Meng¹, Guanghai Dai^{1*}

¹Department of Oncology, PLA General Hospital, Beijing, China. ²Department of Oncology, PKU Care Zibo Hospital, Shandong, China.

*Corresponding author: Guanghai Dai, MD, Department of Oncology PLA General Hospital 28 Fuxing Road, Haidian District, Beijing, 100853, China. Email: guanghaidai@163.com

Abstract

Recent studies have demonstrated that higher expression of follicular helper T cell (Tfh)-associated genes is associated with better prognosis in breast cancer and colorectal cancer (CRC), but the underlying mechanisms remain unclear. In this study, we compared

¹ Weiwei Shi and Lin Dong contributed equally to the work.

Download English Version:

https://daneshyari.com/en/article/11019525

Download Persian Version:

https://daneshyari.com/article/11019525

Daneshyari.com