Accepted Manuscript

Peptostreptococcus anaerobius Induces Intracellular Cholesterol Biosynthesis in Colon Cells to Induce Proliferation and Causes Dysplasia in Mice

Ho Tsoi, Eagle SH. Chu, Xiang Zhang, Jianqiu Sheng, Daniel Nakatsu, Siew C. Ng, Anthony WH. Chan, Francis KL. Chan, Joseph JY. Sung, Jun Yu



PII: S0016-5085(17)30049-5 DOI: 10.1053/j.gastro.2017.01.009

Reference: YGAST 60922

To appear in: Gastroenterology Accepted Date: 13 January 2017

Please cite this article as: Tsoi H, Chu ES, Zhang X, Sheng J, Nakatsu D, Ng SC, Chan AW, Chan FK, Sung JJ, Yu J, *Peptostreptococcus anaerobius* Induces Intracellular Cholesterol Biosynthesis in Colon Cells to Induce Proliferation and Causes Dysplasia in Mice, *Gastroenterology* (2017), doi: 10.1053/j.gastro.2017.01.009.

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 proof before it is published in its final 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 MANUSCRIPT

Peptostreptococcus anaerobius Induces Intracellular Cholesterol Biosynthesis in Colon Cells to Induce Proliferation and Causes Dysplasia in Mice

Running title: *P anaerobius* in colorectal cancer

Ho Tsoi¹, Eagle SH Chu¹, Xiang Zhang¹, Jianqiu Sheng², Daniel Nakatsu¹, Siew C Ng¹, Anthony WH Chan³, Francis KL Chan¹, Joseph JY Sung¹, Jun Yu¹

¹Institute of Digestive Disease and Department of Medicine and Therapeutics, State Key Laboratory of Digestive Disease, Li Ka Shing Institute of Health Sciences, CUHK-Shenzhen Research Institute, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong SAR, China

²Department of Gastroenterology, Beijing Military General Hospital, Beijing, China

³Department of Anatomical and Cellular Pathology, The Chinese University of Hong Kong, Shatin, N.T., Hong Kong SAR, China

Corresponding author

Professor Jun Yu, Institute of Digestive Disease and Department of Medicine and Therapeutics, Prince of Wales Hospital, The Chinese University of Hong Kong, Shatin, NT, Hong Kong. Tel: (852) 37636099; Fax: (852) 21445330; Email: junyu@cuhk.edu.hk

Grant support: This project was supported by 973 Program China (2013CB531401), The National Key Technology R&D Program (2014BAI09B05), 135 program project (2016YFC1303200), RGC-GRF Hong Kong (766613, 14106145), Shenzhen

Download English Version:

https://daneshyari.com/en/article/5658557

Download Persian Version:

https://daneshyari.com/article/5658557

<u>Daneshyari.com</u>