

Accepted Manuscript

Title: Interaction between diet composition and gut microbiota and its impact on gastrointestinal tract health

Authors: Muhammad Shahid Riaz Rajoka, Junling Shi, Hafiza Mahreen Mehwish, Jing Zhu, Qi Li, Dongyan Shao, Qingsheng Huang, Hui Yang



PII: S2213-4530(17)30063-0
DOI: <http://dx.doi.org/doi:10.1016/j.fshw.2017.07.003>
Reference: FSHW 112

To appear in:

Received date: 15-5-2017
Revised date: 20-7-2017
Accepted date: 26-7-2017

Please cite this article as: Muhammad Shahid Riaz Rajoka, Junling Shi, Hafiza Mahreen Mehwish, Jing Zhu, Qi Li, Dongyan Shao, Qingsheng Huang, Hui Yang, Interaction between diet composition and gut microbiota and its impact on gastrointestinal tract health (2010), <http://dx.doi.org/10.1016/j.fshw.2017.07.003>

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.

Interaction between diet composition and gut microbiota and its impact on gastrointestinal tract health

Muhammad Shahid Riaz Rajoka¹, Junling Shi^{1*}, Hafiza Mahreen Mehwish³, Jing Zhu¹, Qi Li¹, Dongyan Shao¹, Qingsheng Huang¹, Hui Yang¹,

¹Key Laboratory for Space Bioscience and Space Biotechnology, School of Life Sciences, Northwestern Polytechnical University, Xi'an 710072, Shaanxi, People's Republic of China.

²Department of Biochemistry and Molecular Biology, School of Life Science, Xian Jiaotong University, Xian, Shaanxi 710072, China

³Department of Biotechnology, University of Agriculture, Faisalabad, Pakistan.

*Corresponding author:- Prof. Junling Shi, Key Laboratory for Space Bioscience and Space Biotechnology, School of Life Sciences, Northwestern Polytechnical University, Xi'an 710072, Shaanxi, People's Republic of China.

Email: sjlshi2004@nwpu.edu.cn

Abstract

A substantial amount of emerging research is indicating that the gut microbiota has a significant impact on human health. Alterations of gut microbiota have clear consequences on intestinal homeostasis, physiology, gut microbiome, immune system and host metabolic pathways. Diet

Download English Version:

<https://daneshyari.com/en/article/8588761>

Download Persian Version:

<https://daneshyari.com/article/8588761>

[Daneshyari.com](https://daneshyari.com)