

## Accepted Manuscript

Anthocyanin-containing purple-fleshed potatoes suppress colon tumorigenesis via elimination of colon cancer stem cells

Venkata Charepalli, Lavanya Reddivari, Sridhar Radhakrishnan, Ramakrishna Vadde, Rajesh Agarwal, Jairam K.P. Vanamala

PII: S0955-2863(15)00199-0  
DOI: doi: [10.1016/j.jnutbio.2015.08.005](https://doi.org/10.1016/j.jnutbio.2015.08.005)  
Reference: JNB 7419

To appear in: *The Journal of Nutritional Biochemistry*

Received date: 11 March 2015  
Revised date: 15 July 2015  
Accepted date: 5 August 2015

Please cite this article as: Charepalli Venkata, Reddivari Lavanya, Radhakrishnan Sridhar, Vadde Ramakrishna, Agarwal Rajesh, Vanamala Jairam K.P., Anthocyanin-containing purple-fleshed potatoes suppress colon tumorigenesis via elimination of colon cancer stem cells, *The Journal of Nutritional Biochemistry* (2015), doi: [10.1016/j.jnutbio.2015.08.005](https://doi.org/10.1016/j.jnutbio.2015.08.005)

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.



**Anthocyanin-containing purple-fleshed potatoes suppress colon tumorigenesis via elimination of colon cancer stem cells**

Venkata Charepalli<sup>a#</sup>, Lavanya Reddivari<sup>b#</sup>, Sridhar Radhakrishnan<sup>a</sup>, Ramakrishna Vadde<sup>a, c</sup>, Rajesh Agarwal<sup>d</sup>, Jairam KP Vanamala<sup>a, e\*</sup>

<sup>a</sup>Department of Food Science, The Pennsylvania State University, University Park, PA, 16802, USA

<sup>b</sup>Department of Plant Science, The Pennsylvania State University, University Park, PA, 16802, USA

<sup>c</sup>Visiting Scientist from Department of Biotechnology & Bioinformatics, Yogi Vemana University, Kadapa, 516003, AP, India

<sup>d</sup>Pharmaceutical Sciences, University of Colorado, Aurora, CO, 80045, USA

<sup>e</sup>The Pennsylvania State Hershey Cancer Institute, Penn State Milton S. Hershey Medical Center, Hershey, PA, 17033, USA

<sup>#</sup>Equally contributed

\*Corresponding author

Jairam KP Vanamala, MS. Ph.D.

Associate Professor

Department of Food Science

Faculty Member, The Penn State Hershey Cancer Institute

326 Rodney A. Erickson Food Science Building

Pennsylvania State University

University Park, PA-16802

Download English Version:

<https://daneshyari.com/en/article/8336813>

Download Persian Version:

<https://daneshyari.com/article/8336813>

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