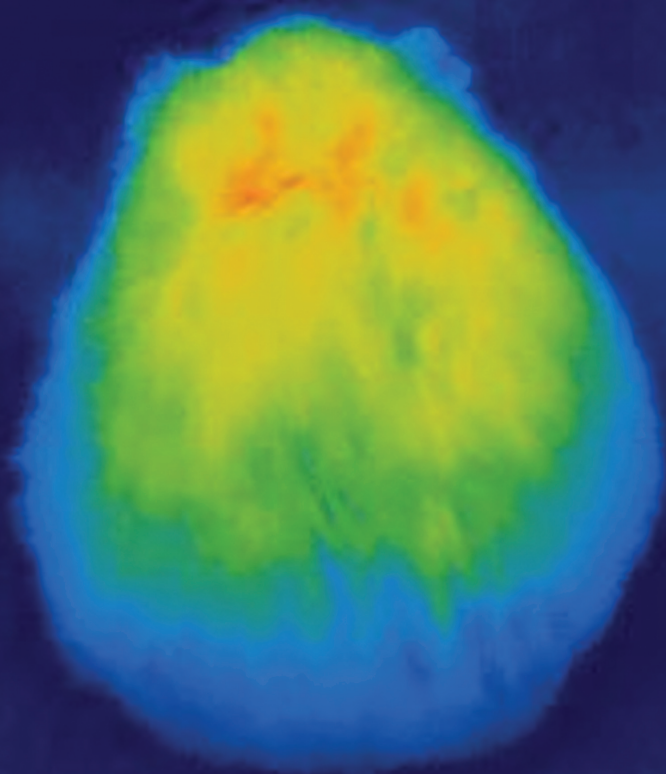
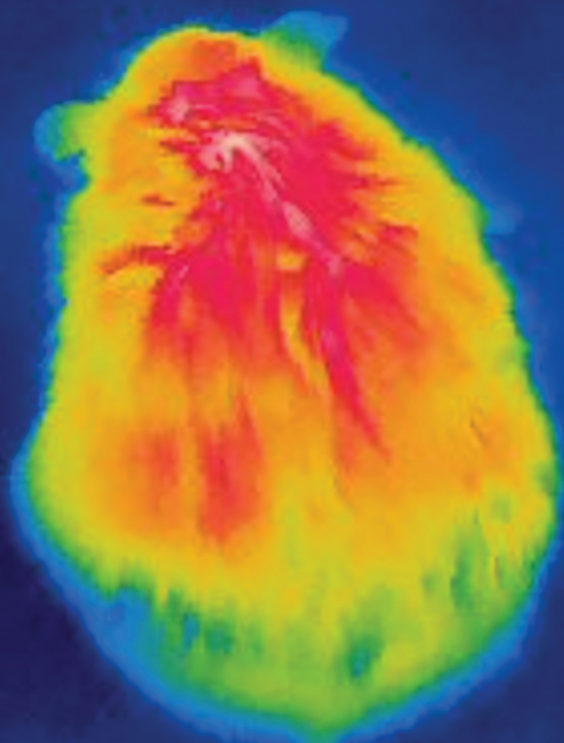


Molecular Nutrition Food Research

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db/db mice



db/db mice +C3G

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Front cover: Cyanidin-3-glucoside increases whole body energy metabolism by upregulating brown adipose tissue mitochondrial function

Yilin You, Xiaoxue Yuan, Xiaomeng Liu, Chen Liang, Minghui Meng, Yuanyuan Huang, Xue Han, Jielong Guo, Yu Guo, Chenglong Ren, Qianwen Zhang, Xiangyu Sun, Tingting Ma, Guojie Liu, Wanzhu Jin, Weidong Huang and Jicheng Zhan

Mol. Nutr. Food Res. 2017, 61, 1700261.

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Obesity develops when the energy intake exceeds the energy expenditure. Promoting brown adipose tissue (BAT) formation and function increases energy expenditure and may protect against obesity. Cyanidin-3-glucoside (C3G) is an anthocyanin compound which occurs naturally in many fruits and vegetables. Results of the present work show that C3G increases the whole body energy metabolism to ameliorate db/db mice obesity by upregulating BAT thermogenesis.

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trans-Lycopene from tomato juice attenuates inflammatory biomarkers in human plasma samples: An intervention trial

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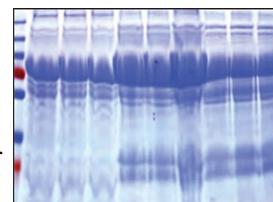
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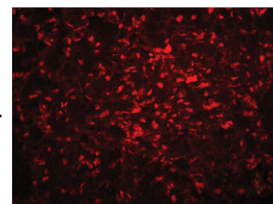
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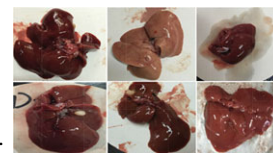
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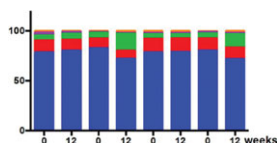
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