ISSN:1001-0602(Print) ISSN:1748-7838(Online) CN:31-1568(Print) CN:31-6000(Online) CPDN:4-645 细胞研究

Cell Research

Volume 27 Number 11 November 2017

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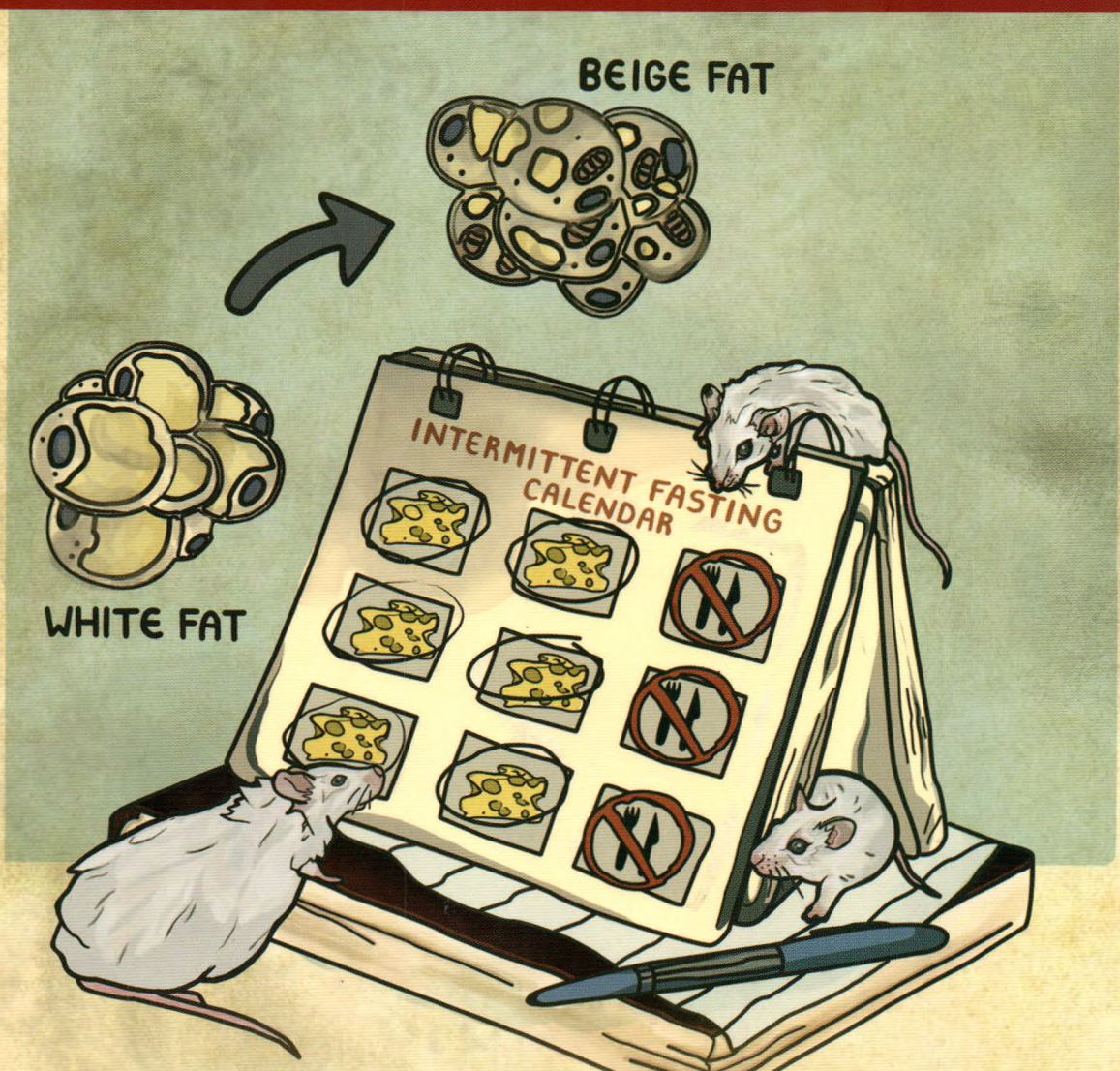

Mechanistic insights into intermittent fasting-mediated metabolic benefit
A high-quality assembly of the quinoa genome
Cryo-EM structure of human DNA-PK holoenzyme
Elucidating the sugar code for ricin toxicity

Institute of Biochemistry and Cell Biology
Shanghai Institutes for Biological Sciences
Chinese Academy of Sciences

SPRINGER NATURE

Cell Research

(Founded in 1990)

Online submission via:
http://www.nature.com/cr
http://www.cell-research.com

Cell Research is published monthly by Nature Publishing Group (NPG) in partnership with Shanghai Institutes for Biological Sciences (SIBS), Chinese Academy of Sciences (CAS) since 2006.

Sponsored by:
Institute of Biochemistry and Cell Biology (IBCB), Shanghai Institutes for Biological Sciences, Chinese Academy of Sciences

Affiliated with:
The Chinese Society for Cell Biology since August 2007

Granted by:
Publishing Foundation of Chinese Academy of Sciences, National Natural Science Foundation of China, and China Association for Science and Technology

Project for Enhancing International Impact of China STM Journals

Supported by SPFCAS

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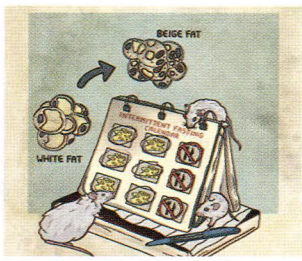
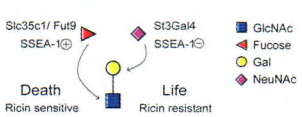


Cover: Intermittent fasting promotes browning of white fat and metabolic homeostasis through M2 macrophage activation. This process is mediated by fasting-induced VEGF expression in white fat. See page 1309-1326 by Kim *et al.* for details. Cover image by Elizabeth Lebedev.



Presence of fucosylation impairs sialylation of Lewis X structures, leading to enhanced ricin binding and toxicity. See page 1351-1364 by Jasmin Taubenschmid *et al.* for details.

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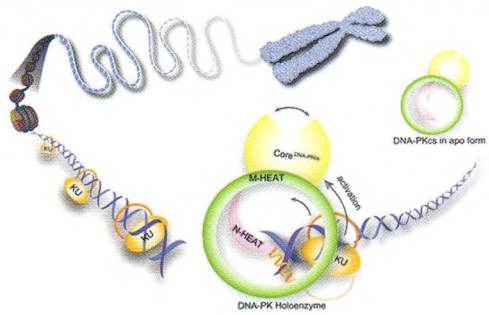

Cryo-EM structure of human DNA-PK holoenzyme and biochemical analyses reveal a working model for DNA-PK complex assembly and activation. See page 1341-1350 by Xiaotong Yin *et al.* for details.

LETTERS TO THE EDITOR

ADVANCE ONLINE PUBLICATION (published weekly on Tuesday and Friday)

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