Cancer Metabolism

Is sugar
The New Tobacco?

Biology of Cancer 2019-2020
Christine Chio, PhD
Department of Genetics and Development
Institute of Cancer Genetics
ONCOGENE and TUMOR SUPPRESSOR CENTRIC view of cancer
Hallmarks of cancer

(Hanahan and Weinberg 2000)
Tumor Suppression in the Absence of p53-Mediated Cell-Cycle Arrest, Apoptosis, and Senescence

Tongyuan Li, Ning Kon, Le Jiang, Minjia Tan, Thomas Ludwig, Yingming Zhao, Richard Baer, and Wei Gu.

1 Institute for Cancer Genetics, and Department of Pathology and Cell Biology, College of Physicians and Surgeons, Columbia University, 1130 St. Nicholas Avenue, New York, NY 10032, USA
2 Ben May Department of Cancer Research, The University of Chicago, Chicago, IL 60637, USA
*Correspondence: wg8@columbia.edu
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Not cell cycle arrest
Not apoptosis
Not senescence

Retained ability to activate
1. Glis
2. Tigar
3. Glut3