

Special Issue

How Does Obesity Cause Cancer?

Message from the Guest Editor

Obesity is clearly related to many types of cancer, but the precise molecular mechanisms remain largely unknown. Does excess body fat/energy intake somehow trigger a normal cell to become malignant, or do fat-produced substances promote growth of malignant cells induced by other carcinogens? Conversely, perhaps some adipokine induces malignant change, and chronic caloric excess is a promoter? What is the exact role of the many molecular processes induced by obesity, including alterations in signaling pathways (p53, Notch, Wnt, and others)? What are the major adipokines driving cancer, and can these be altered by lifestyle changes or drugs? This Special Issue will explore these and other questions. Appropriate topics include the role of excess calories in cancer as well as the specific activities of various adipokines in the malignant process. Novel hypotheses in these and other areas are needed and welcome. Precise information on the fat–cancer connection should stimulate important cancer prevention and treatment clinical research.

Guest Editor

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