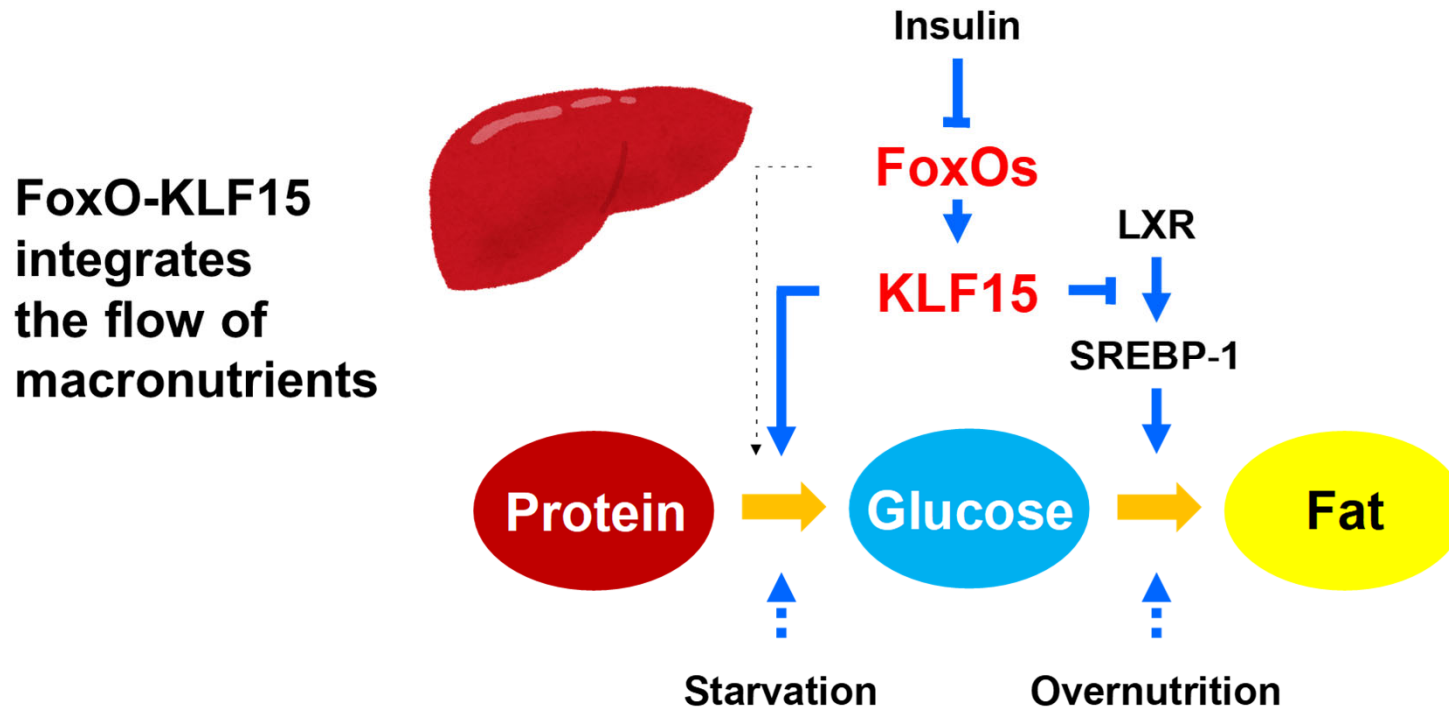


From Laboratory of Nutrigenomics

FoxO-KLF15 switches the flow of macronutrients under the control of insulin.



For the first time, insulin's transcriptional effect on lipogenesis was fully elucidated. FoxO-KLF15 axis acts as a bridge between insulin signaling and LXR-SREBP-1 pathway. This axis also controls conversion from protein to glucose.

Reference: Takeuchi et al., *iScience* 2021 DOI: 10.1016/j.isci.2021.103446

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