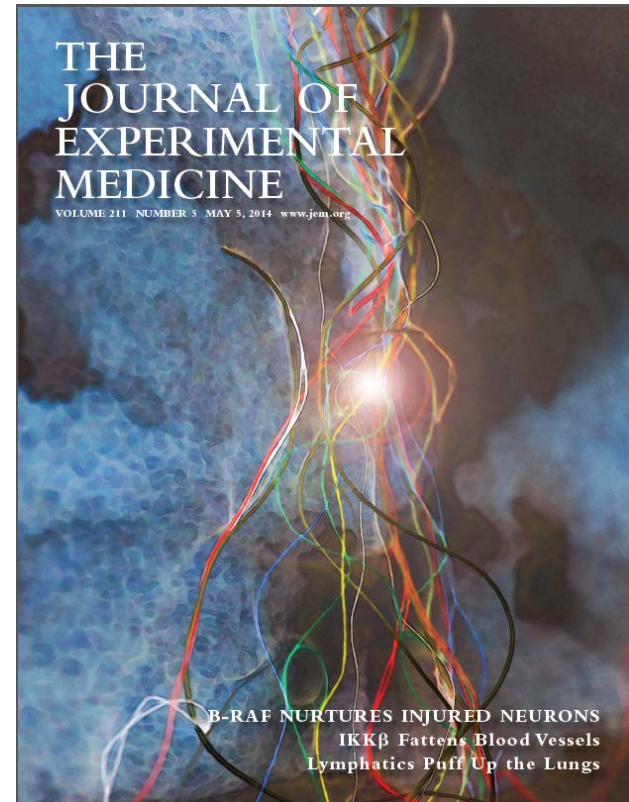


The Role of IKK β In Linking Obesity to Adipose Tissue Inflammation and Adipogenesis

Public Health Impact Statement:

- The research revealed that a central coordinator of inflammatory responses, IKK β acts as a regulator of fat cell differentiation.
- It was demonstrated that chronic treatment of mice with a potent IKK β inhibitor ameliorated diet-induced obesity.
- The use of IKK β inhibitors may therefore provide an innovative treatment for obesity, atherosclerosis, and metabolic disorders.



Yipeng Sui, Se-Hyung Park, Jinxian Xu, Sébastien Monette, Robert N. Helsley, Seong-Su Han, and Changcheng Zhou. 2014. **IKK β links vascular inflammation to obesity and atherosclerosis.** *Journal of Experimental Medicine*; 211 (5):869-886.

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