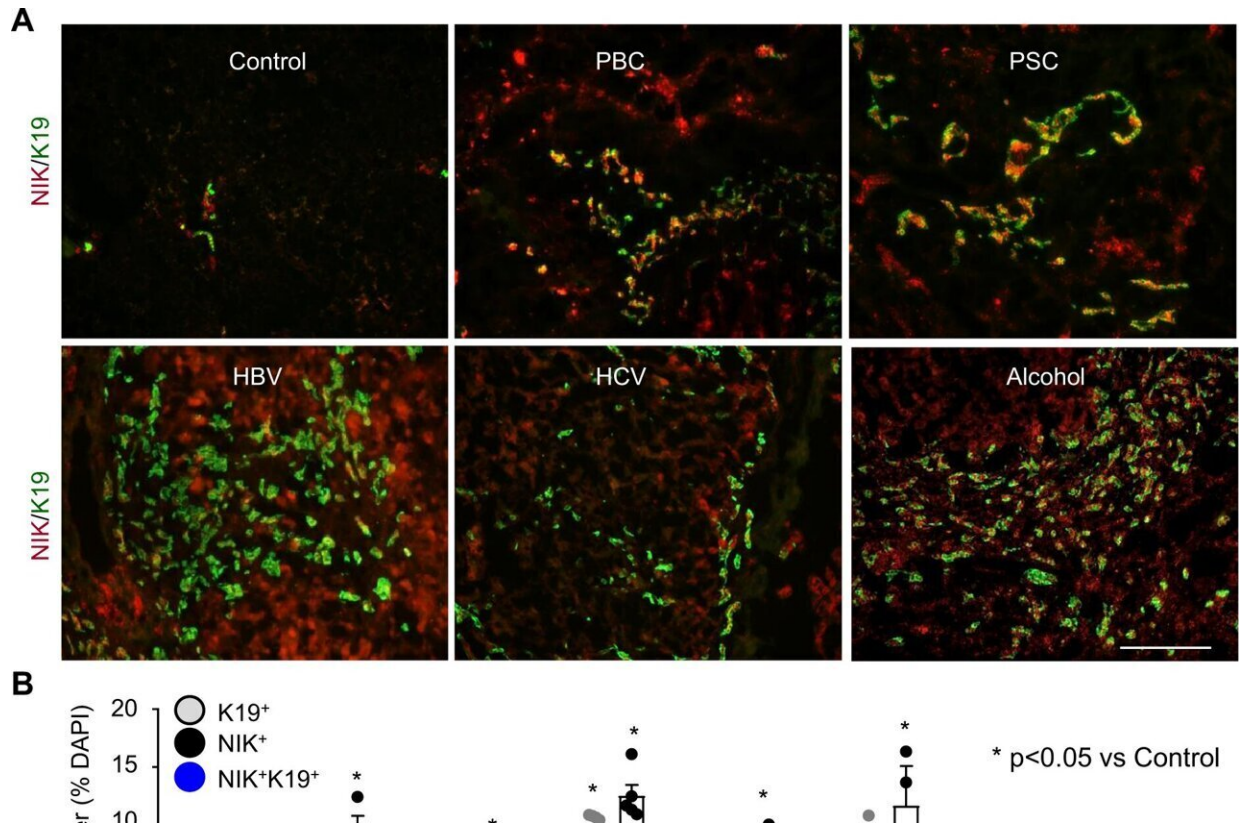


This molecule could be behind liver fibrosis

September 26 2022, by Kelly Malcom



Chronic liver disease is associated with NIK upregulation in cholangiocytes. **A, B** Human liver sections were stained with antibodies to NIK and K19. **A** Representative images. Scale bar: 200 μ m. **B** NIK⁺, K19⁺, and NIK⁺K19⁺ cells were counted and normalized to total cells. Control: $n = 3$ subjects, PBC: $n = 3$ subjects, PSC: $n = 3$ subjects, HBV: $n = 5$ subjects, HCV: $n = 3$ subjects, Alcohol: $n = 3$ subjects. **C, D** C57BL/6J male mice were fed a chow or DDC diet for 4 weeks. **C** Liver sections were stained with antibodies to NIK and K19. NIK⁺, K19⁺, and NIK⁺K19⁺ cells were counted and normalized to total cells. Chow: $n = 3$ mice, DDC: $n = 3$ mice. Scale bar: 200 μ m. **D** Liver NIK expression was measured by qPCR (normalized to 18 S levels). Chow: $n = 4$ mice, DDC: n

= 6 mice. a.u. arbitrary units. **E**, **F** C57BL/6J males were treated with BDL or sham surgery for 7 days. **E** Liver sections were stained with antibodies to NIK and K19. NIK⁺, K19⁺, and NIK⁺K19⁺ cells were counted and normalized to total cells ($n = 3$ mice per group). Scale bar: 200 μm . **F** Liver NIK expression was measured by qPCR (normalized to 36B4 levels, $n = 4$ mice per group). Data are presented as mean \pm SEM. * p

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