



Figure S. 1. Toxicity of Kavain on male mice. (A) Analysis of chemistry parameters (*i.e.*, red blood cell [RBC], white blood cell [WBC], alkaline phosphatase [ALP], blood urea nitrogen [BUN], total protein [TP], albumin [ALB], alanine aminotransferase [ALT], aspartate aminotransferase [AST]) of male mice intravitreal injected with Kavain or DMSO (Ctrl) for 1 m ($n = 4$). (B) Representative HE staining image of livers from mice intravitreal injected with Kavain or DMSO (Ctrl) ($n = 3$). Scale bar = 50 μm . *: $P < 0.05$.

Table S. 1. Information about the antibodies used in this study

Antibodies	Cat no.	Company	Source	Dilution of IF	Dilution of WB
Neutrophil	ab53457	Abcam	Rat	1:400	-
F4/80	ab16911	Abcam	Rat	1:400	-
Ki67	ab156956	Abcam	Rat	1:400	-
HIF-1 α	sc-53546	Santa	Mouse	-	1:1000
VEGF-A	E9X8Q	Cell Signaling Technology	Rabbit	-	1:1000
p-VEGFR2	#2478	Cell Signaling Technology	Rabbit	-	1:1000

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β -actin	81115-1-RR	Proteintech	Rabbit	-	1:1000
