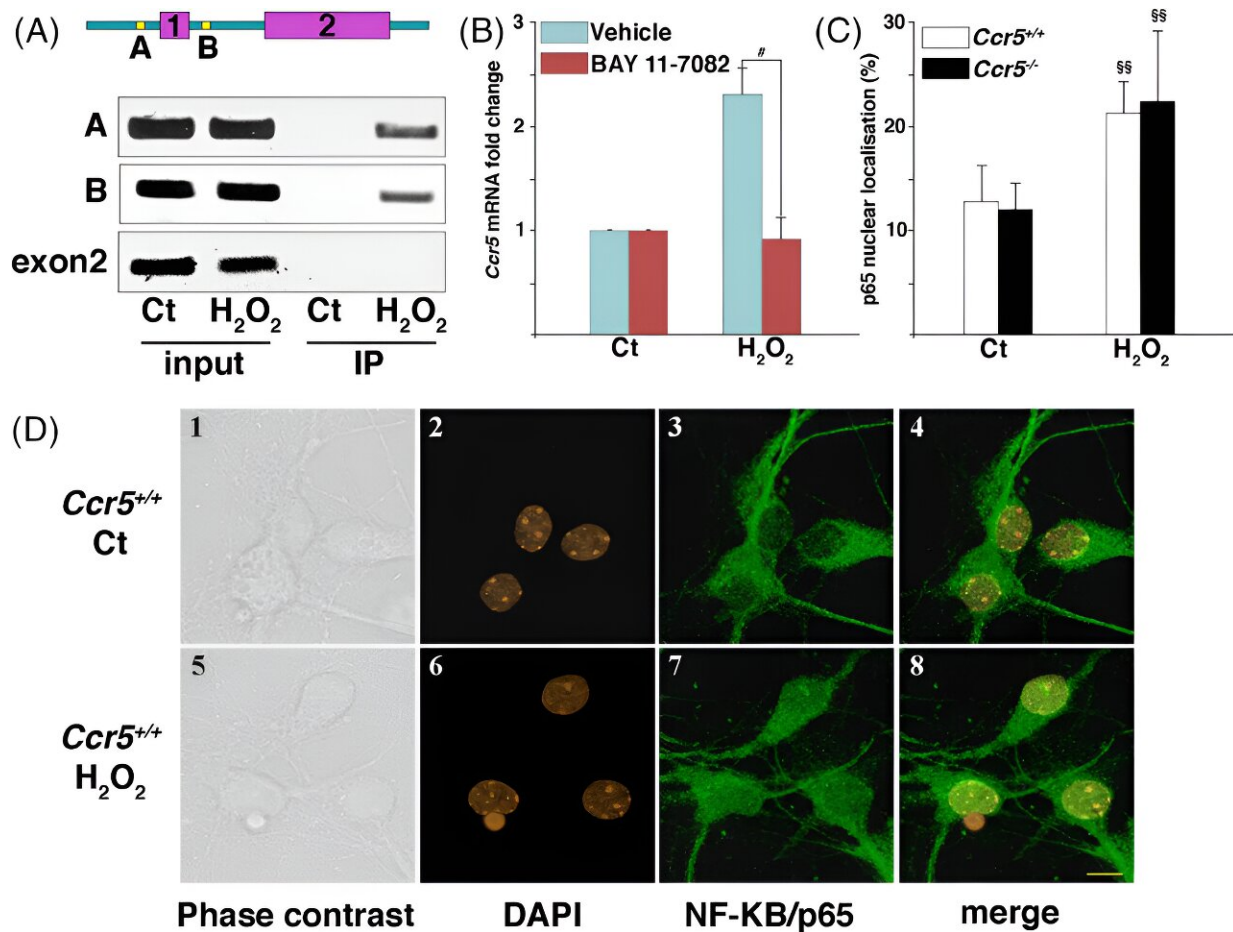


New perspectives on understanding, preventing and treating vascular dementia

September 4 2023



CCR5 expression in response to oxidative stress is mediated by NF-κB. (A) *Upper*: Schematic overview of the murine *Ccr5* gene. Blue boxes represent introns, pink boxes exons, and yellow boxes (A and B) putative NF-κB/p65 binding elements. *Lower*: Chromatin immunoprecipitation using an NF-κB/p65 antibody of wild-type neurons after H₂O₂ (30μM) or vehicle (Ct) treatment. The input samples represent equal fractions of DNA extract collected prior to

immunoprecipitation. (B) *Ccr5* mRNA levels measured by real-time PCR in wild-type neurons pretreated with the NF- κ B inhibitor BAY 11-7082 and treated with H₂O₂ (30 μ M). [#]*p*

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