

Safety and efficacy of combination of Suberoylamilide Hydroxyamic Acid and Mitomycin C in reducing pro-fibrotic changes in human corneal epithelial cells

Rohit Shetty¹, Nimisha R Kumar², Murali Subramani³, Lekshmi Krishna³, Ponnalagu Murugeswari ³, Himanshu Matalia¹, Pooja Khamar¹, Zelda V Dadachanji¹, Rajiv R Mohan^{4,5,6}, Arkasubhra Ghosh^{2*}, Debashish Das^{3*}

¹Department of Cornea and Refractive Surgery, Narayana Nethralaya Eye Hospital, Bangalore, Karnataka, India

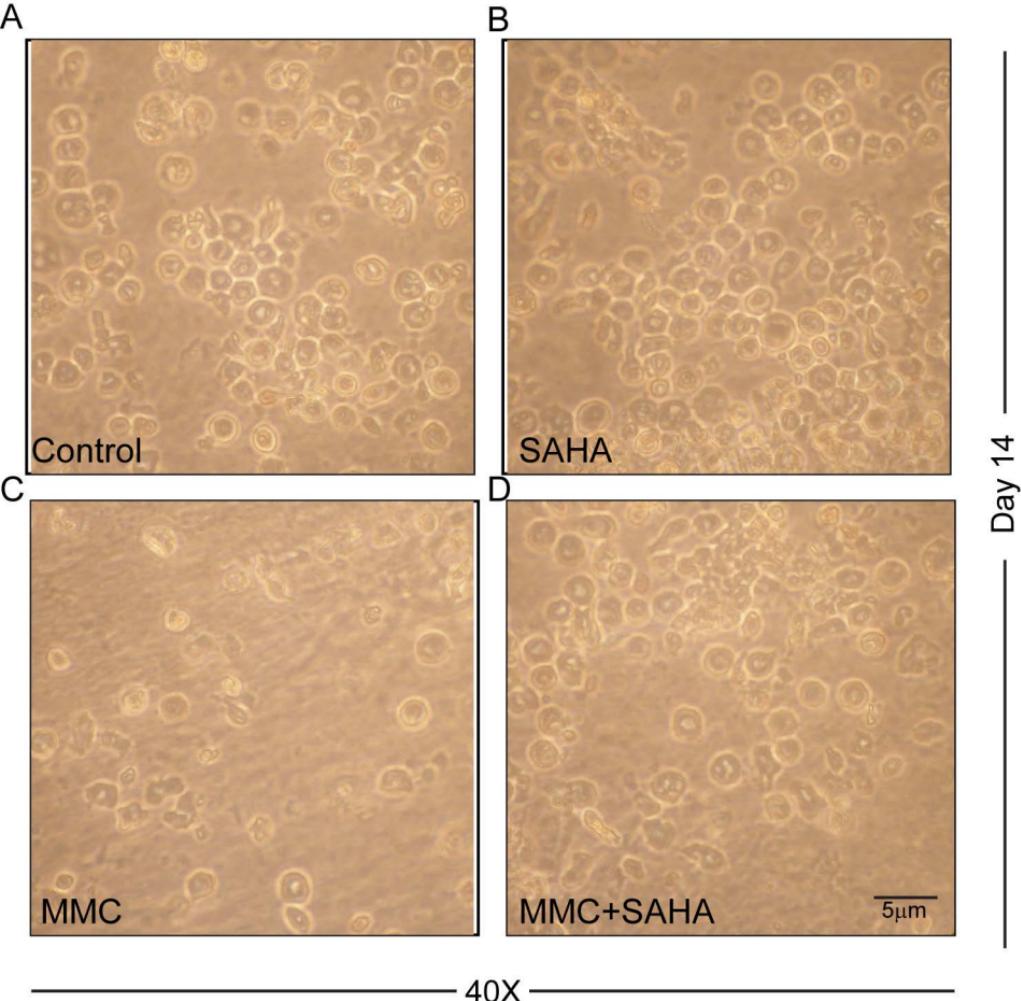
²GROW Laboratory, Narayana Nethralaya Foundation, Narayana Nethralaya, Bangalore, Karnataka, India.

³Stem Cell Research Lab, GROW Laboratory, Narayana Nethralaya Foundation, Narayana Nethralaya, Bangalore, Karnataka, India.

⁴Department of Veterinary Medicine and Surgery, University of Missouri, Columbia, MO, 65211, USA.

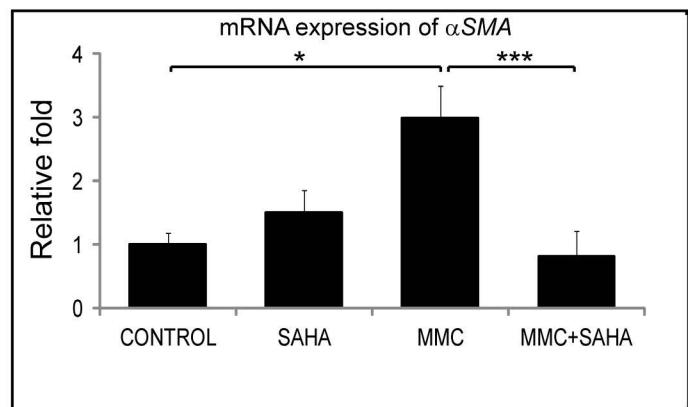
⁵Mason Eye Institute, School of Medicine, University of Missouri, Columbia, MO, 65212, USA.

⁶Harry S Truman Veterans' Memorial Hospital, Columbia, MO, 65201, USA.

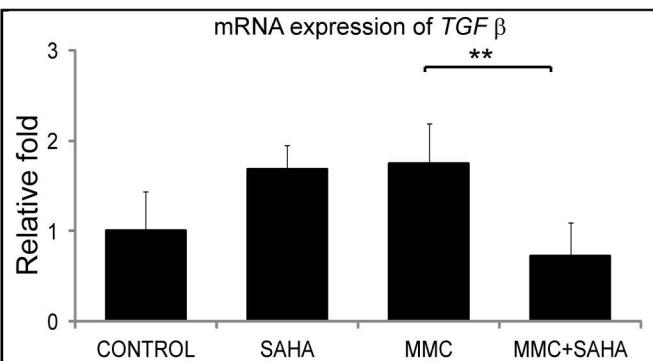


Supplementary Figure 1

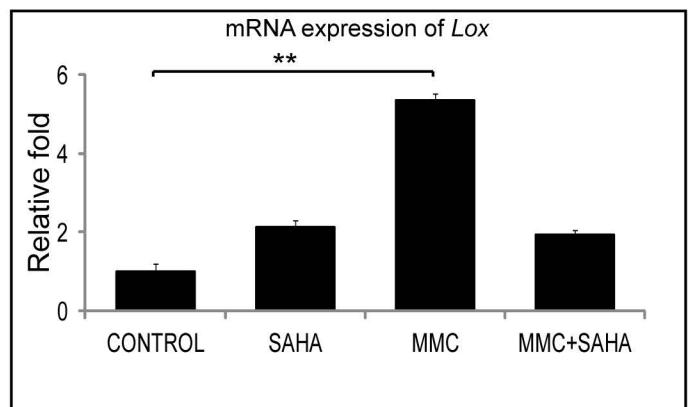
A



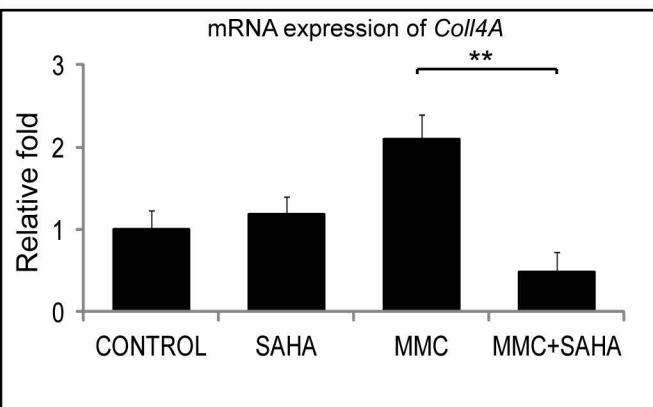
B



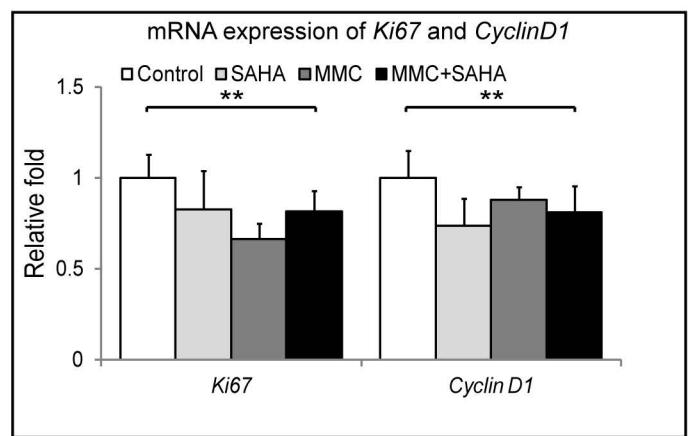
C



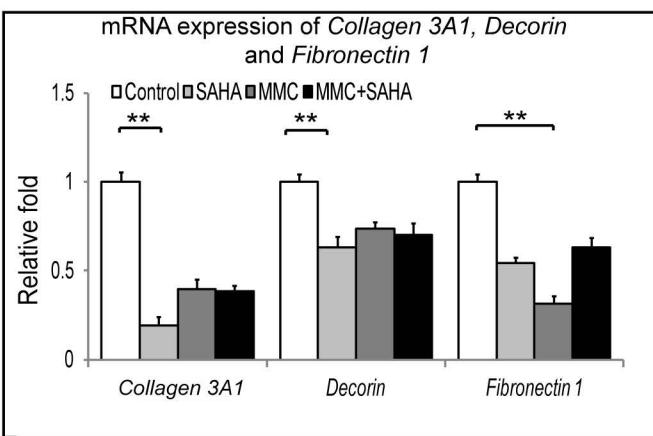
D



E

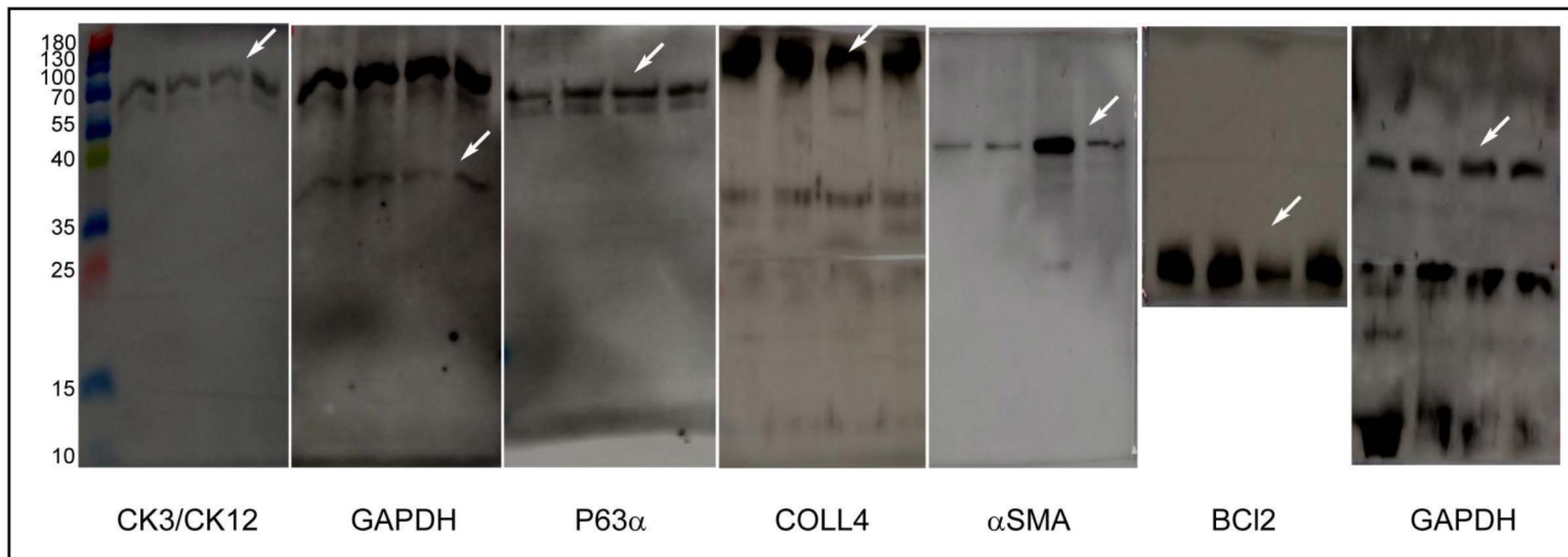


F



Supplementary Figure 2

MMC	-	-	+	+	-	-	+	+	-	-	+	+	-	-	+	+	-	-	+	+	-	-
SAHA	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+



Supplementary figure 3