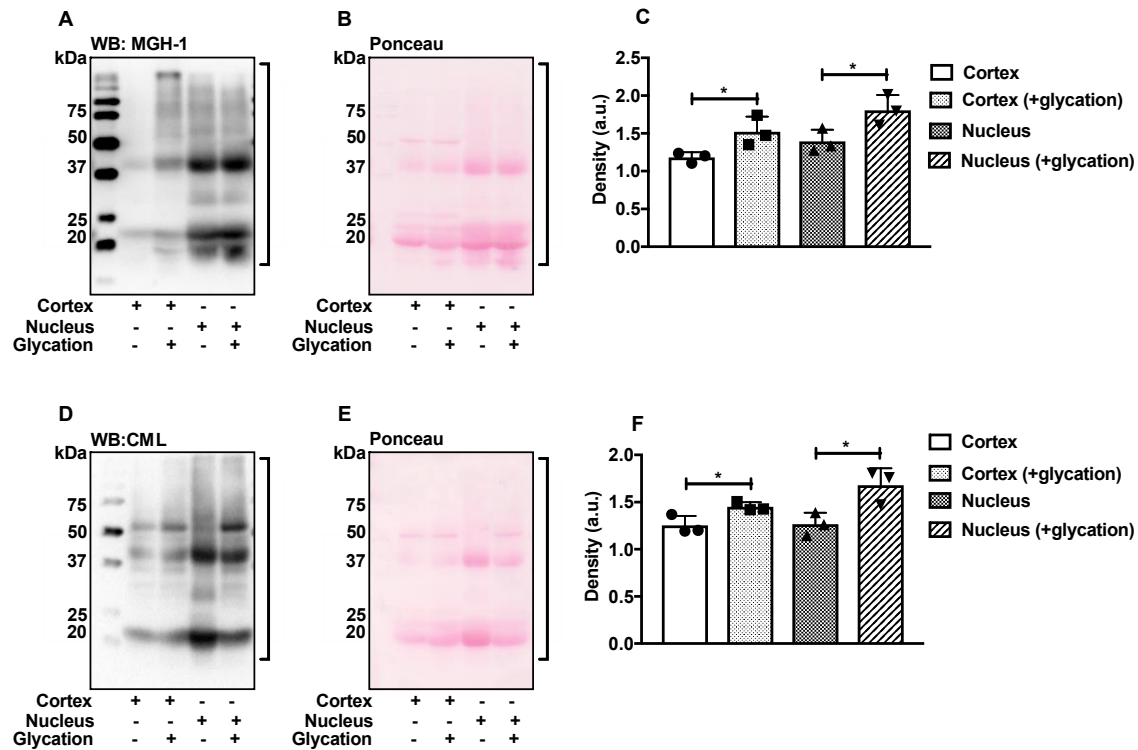


Glycation-mediated inter-protein crosslinking is promoted by chaperone-client complexes of α -crystallin: Implications for lens aging and presbyopia

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Supplemental figure S1. Both cortical and nuclear proteins of human lens are AGE-modified upon glycation. Human lenses were incubated for 3 days with a glycating mixture (25 mM glucose, 500 μ M MGO and 500 μ M erythrulose) in MEM. Water-soluble protein isolated from the lens nucleus and cortex were western blotted using a MGH-1 (A) or a CML (D) antibody. Protein loading in western blots is shown in panels B and E. The bar graphs in panel C and F represent mean \pm SD of MGH-1 and CML levels, determined by densitometric analysis of western blots and ponceau stained membranes (areas in brackets). * $p < 0.05$