

# Review of: "[Review Article] Melatonin, ATP, and Cataracts: The Two Faces of Crystallin Phase Separation"

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**Potential competing interests:** No potential competing interests to declare.

This review discusses how the high concentration of crystallin proteins in the lens maintains transparency by ensuring a high refractive index and protecting against protein aggregation. Melatonin and ATP are crucial in preventing cataractogenesis by scavenging ROS, solubilizing protein aggregates, and maintaining a proper hydration balance, offering a potential therapeutic approach. The manuscript is well-written, but some sentences are a bit long and complex and could be shortened.