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Hydrophobic wave ordering of alpha crystallin—Membrane interactions enhances human lens transparency and resists cataracts

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Crystallin Highlights

Highlights:

- Animal lenses are composed of crystallin proteins
- Crystallins do not crystallize, so their molecular structure is unknown
- Crystallins form strong, flexible, and above all transparent structures
- The evolutionary patterns of crystallins exhibit hydrophobic waves
- Resolution of hydrophobic waves is possible only with the modern scale

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