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Thermal actuation in TRPV1: role of embedded lipids and intracellular domains

Corey Melnick, Massoud Kaviany

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Highlights of *Thermal actuation in TRPV1: role of embedded lipids and intracellular domains*

- First all-atom molecular dynamics simulation of recent TRPV1 structure.
- New structure includes embedded lipids and C-terminal domain.
- A mechanism for the intracellular thermosensation pathway is proposed.
- The mechanism is initiated by changes in the C-terminal and linking domains.
- The mechanism involves lipid-protein interactions in the vanilloid binding pocket.

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