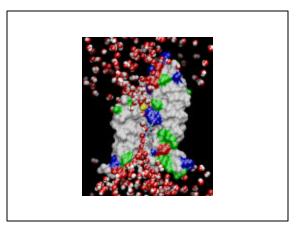
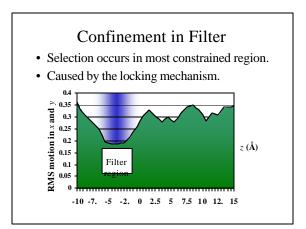
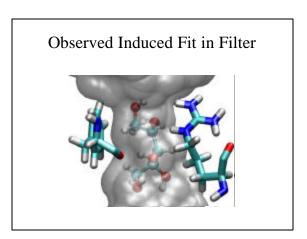
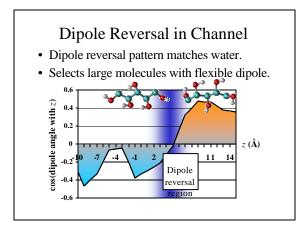
This is a reminder of the Illinois Biophysics Society-sponsored Student Seminar this evening, March 12th.

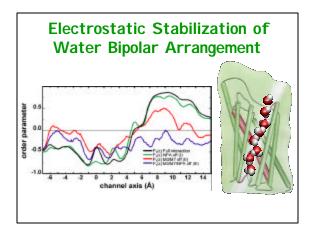
The seminar will be held in the CLSL auditorium, room B102, beginning at 7:00pm. Food and drinks will be provided.

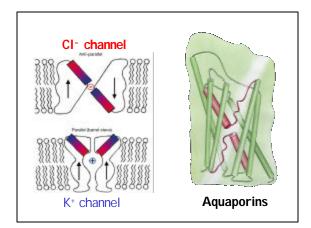


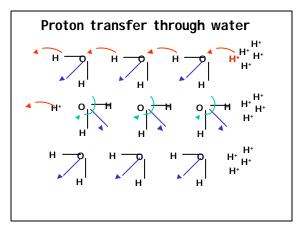


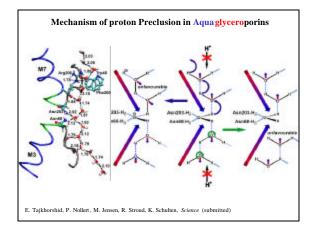


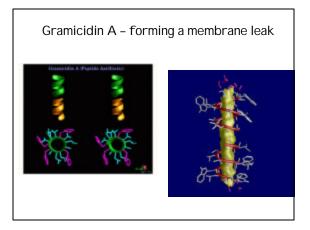


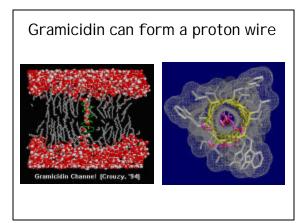


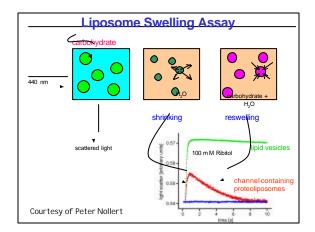


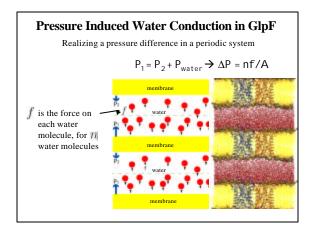


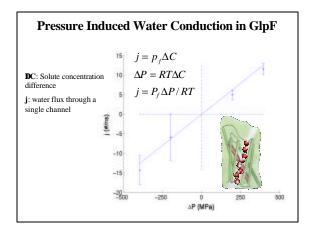


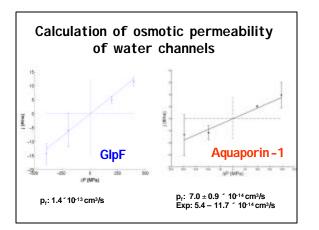


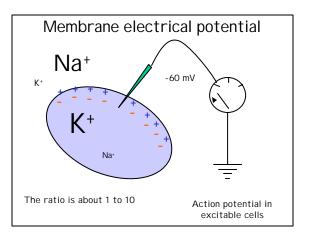


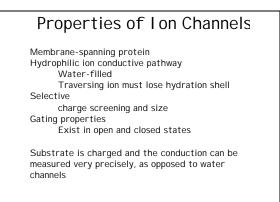


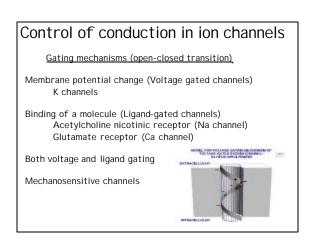


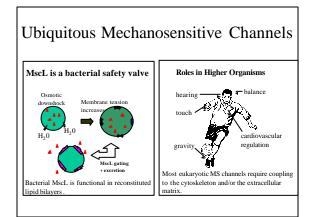


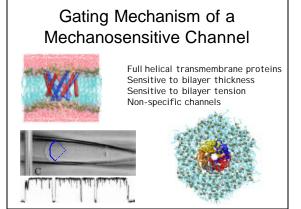


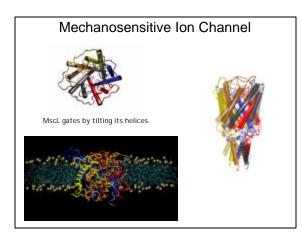


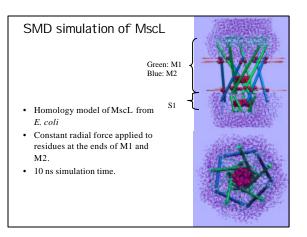


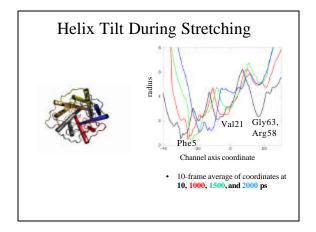


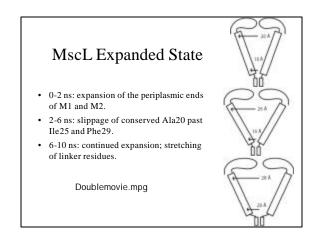












M1 Helix-helix Contacts

Well-conserved Gly22 and Gly26 mediate packing between neighboring M1 helices.

Gly22 contacts are abolished at the onset of pore opening.

Gly26 formed new contacts with Val16, but even these were abolished with continued pore expansion.

Gly22.mpg

KcsA Potassium Channel Under physiological conditions, the selectivity filter of the KcsA dehydrates, transfers, and rehydrates a K⁺ ion every 10ns.

