

Mechanical Transduction by Ion Channels; from bench to bedside



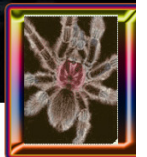
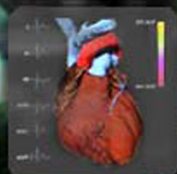
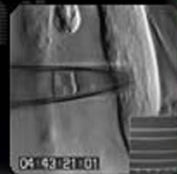
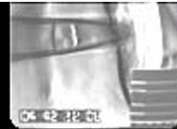
Frederick Sachs
Distinguished Professor of Biophysics
Hughes Center for Single Molecule Biophysics
Physiology and Biophysical Sciences

Sachs's Lab

Where a patch is a patch
A spider is a friend,

Structure is related to function,
and, of course:

$$T_t = \frac{\sqrt{(2k_B T)^3 \epsilon_w}}{2\pi_0} \left\{ \sqrt{n_1} \operatorname{csch}^{-1} \left(\frac{\sigma_1 - C_m V}{2\sqrt{2k_B T \epsilon_w n_1}} \right)^2 + \sqrt{n_2} \operatorname{csch}^{-1} \left(\frac{\sigma_2 + C_m V}{2\sqrt{2k_B T \epsilon_w n_2}} \right)^2 \right\} + T_o$$



Date: 5 Oct 2004, Tues
Time: 10 am
Venue: DBS Conference Room
Host: Dr Henry Mok

Department of Biological Sciences
Seminar Announcement

