**PART I** Co-inherited gene mutations lead to overlapping genetic diseases/syndromes in families and individuals.

TNXB associated with varying degrees of hypermobility, from none to EDS-HT. 21-Hydroxylase overwhelm  $\rightarrow$  chronic medical and psychiatric illness.



PART II Connecting RCCX therory to mitochondrial shutdown.

CAPS + negative events → PTSD \_\_\_\_\_ → mitochondrial shutdown (dauer) (Naviaux MD PhD)
21-Hydroxylase overwhelm