

Biochemistry in SSB

- **Inflammation - signals, receptors, therapeutic drugs**
- **Sensations - neurotransmitters, signal transduction**
- **Locomotion - neurotransmitters, muscle cytoskeleton**
- **Nutrition - metabolism, deficiency, toxicity**
- **Sessions are designed to build the big picture and fill in pertinent details to understand problems**

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Inflammation: leukotrienes, prostaglandins, thromboxanes, aspirin, NSAIDs, anti-inflammatory steroids

Sensations: smell, taste, vision

Locomotion: acetylcholine, selected muscle and cytoskeletal proteins

Nutrition: pathways to power muscle contraction, power brain and nerve function, synthesize neurotransmitters, metabolize selected xenobiotics, role of nutrients including vitamins and minerals