

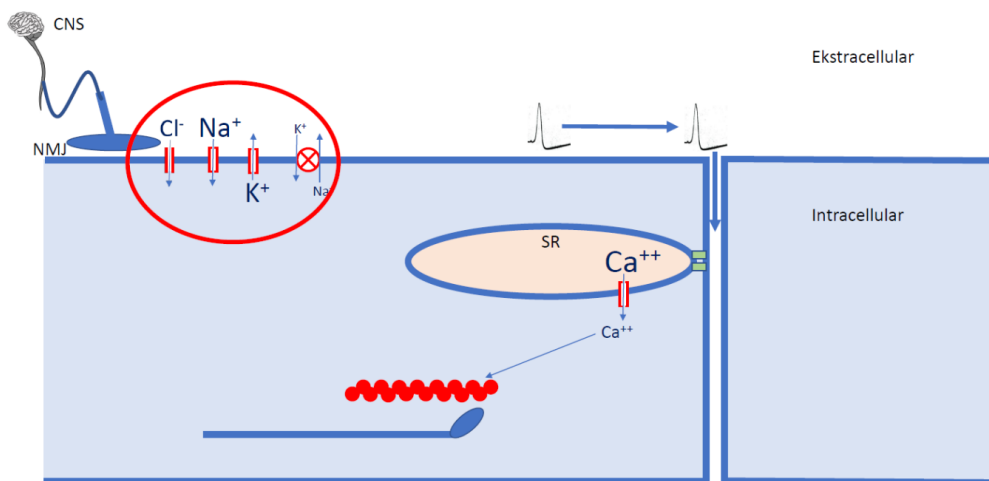


Dual role of potassium in regulating contractility of skeletal muscle

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Skeletal muscle contractility is regulated acutely during exercise through multiple pathways exerting either negative (fatigue) or positive (potentiation) effects on muscular performance. The mechanisms of regulation have been studied for more than a century and the release of potassium ions from muscle cells emerges as an important regulating factor through its modification of steps in the excitation-contraction coupling process. The seminar will include old and new evidence for the role of potassium in balancing fatigue and potentiation in working muscles.



Friday June 10th at 13.00 at
Zoophysiology (1131-127)