



PROGRAM

CMRC seminar

Wednesday, September 29, 2004

Rigshospitalet, Blegdamsvej 9, DK – 2100 Copenhagen N
Auditorium 2, 14.00 – 16.00

Chairman: Carsten Juel

14.00: **“Protective effects of lactic acid and low pH in skeletal muscle”**

Ole Bækgaard Nielsen, Institute of Physiology, University of Århus.

Note: Hot!

(Nielsen OB, Paoli F & Overgaard K. Protective effects of lactic acid on force production in rat skeletal muscle. *J Physiol* 536: 161-166, 2001. Pedersen TH, Nielsen OB, Lamb GD, Stephenson DG. Intracellular acidosis enhances excitability of working muscle. *Science* 305: 1144-1147, 2004)

14.30: Discussion

14.45: **“Potassium as a vasodilator in human muscle”**

Carsten Juel, August Krogh Institute, University of Copenhagen

15.05: Discussion

15.15: Break

15.30: **“Regulation of skeletal muscle Na⁺K⁺ ATPase subunit mRNA expression – impact of exercise”**

Nikolai Nordborg, Institute of Exercise and Sports Sciences, University of Copenhagen

15.50: Discussion