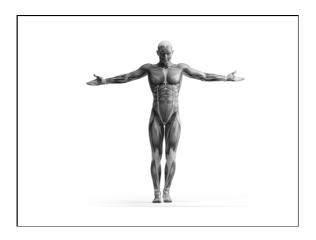
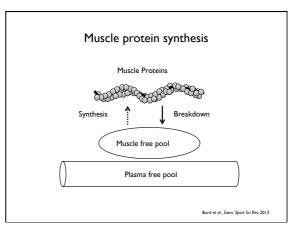


What regulates muscle maintenance?

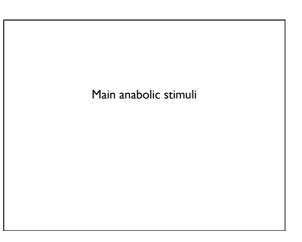


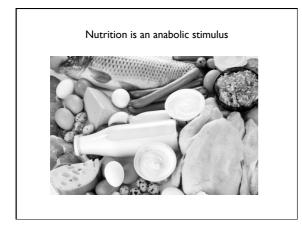


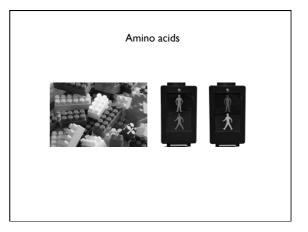
Fractional muscle protein synthesis

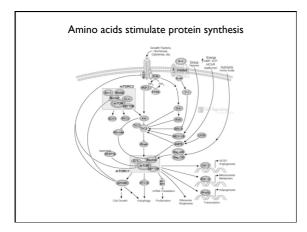
1-2 % per day

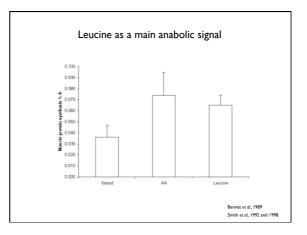
(0.04 - 0.14 %·h⁻¹)



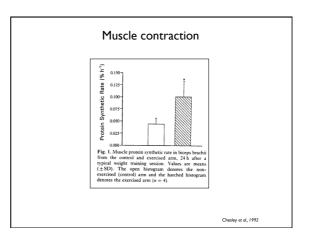


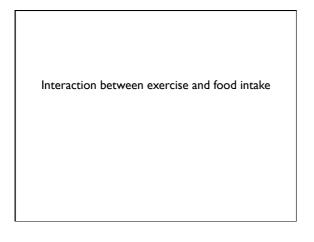


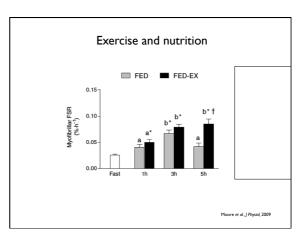


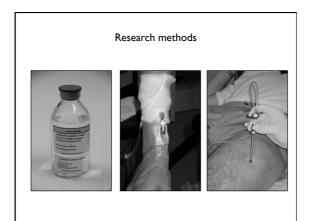


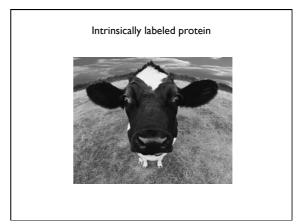


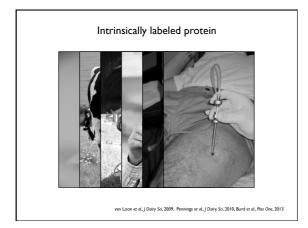


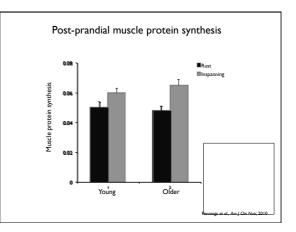


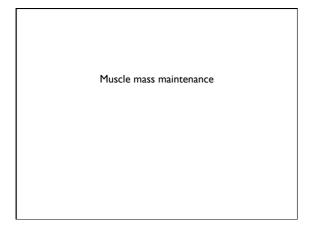


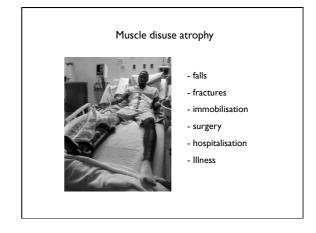


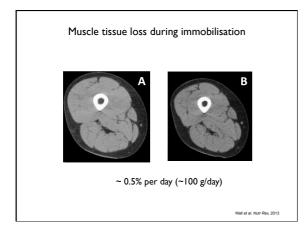


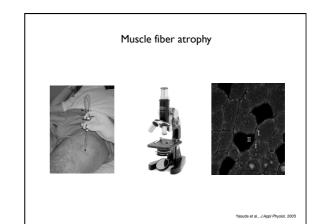


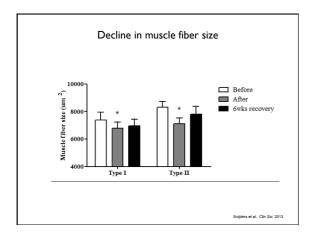


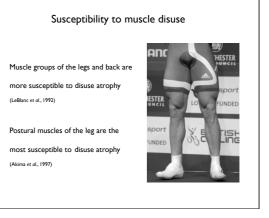


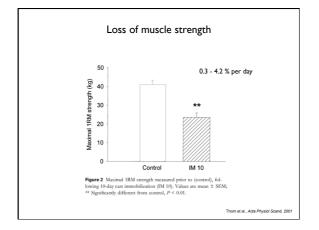


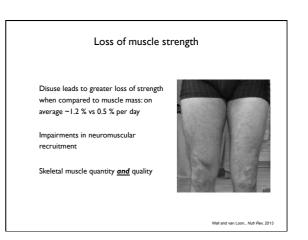


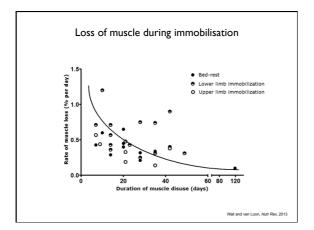


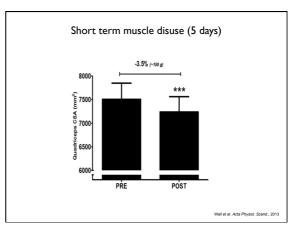


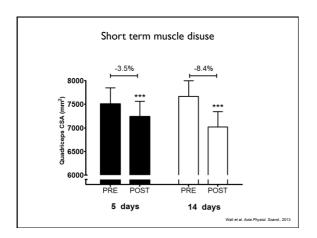


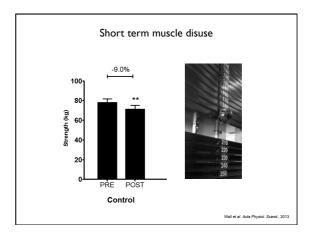


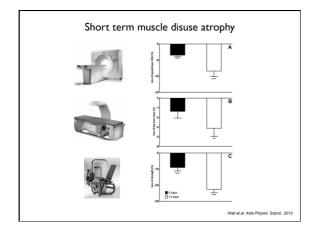


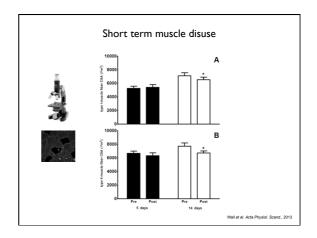


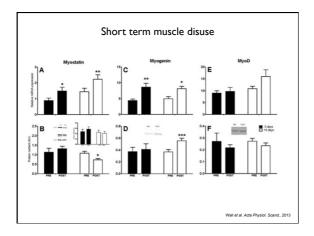


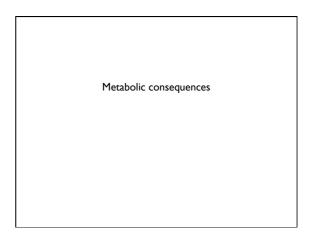


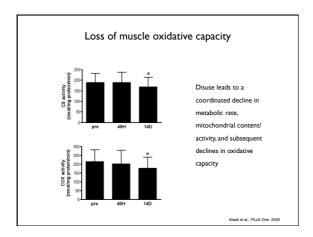


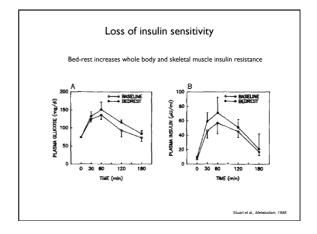


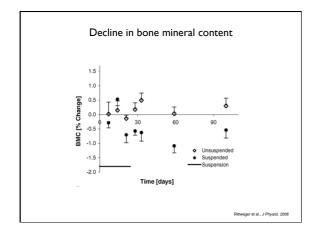


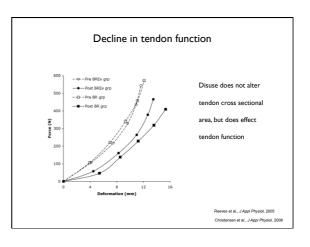


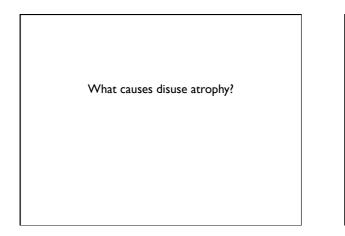


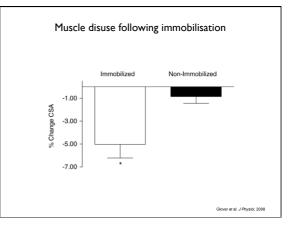


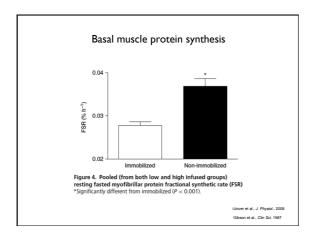


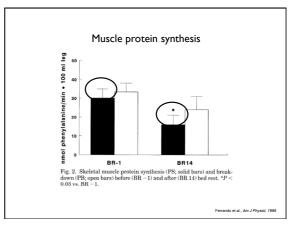


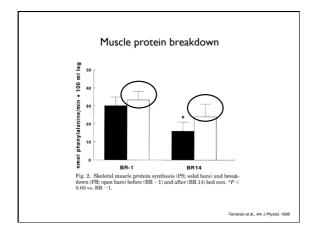


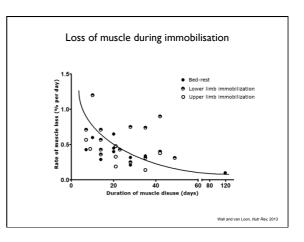


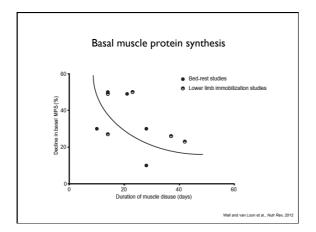


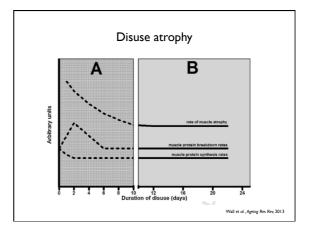


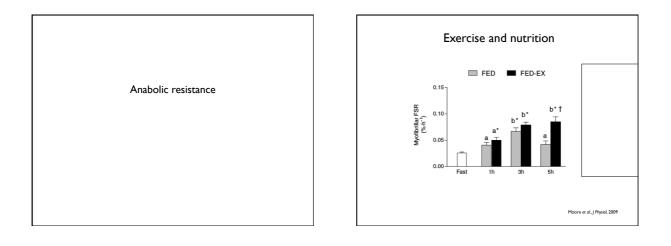


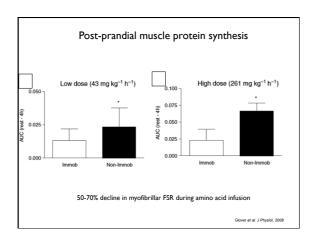


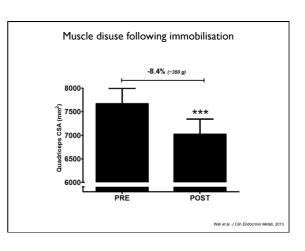


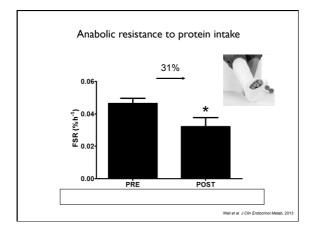


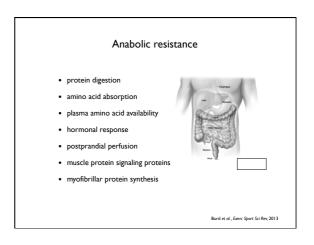


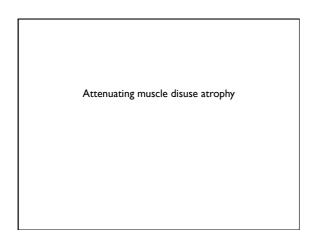


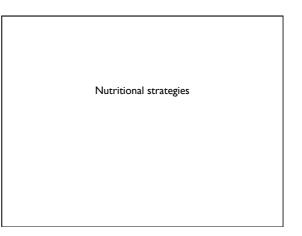


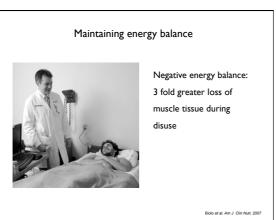


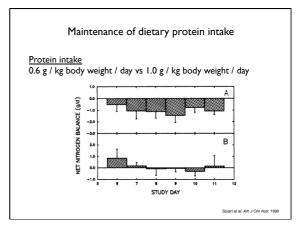


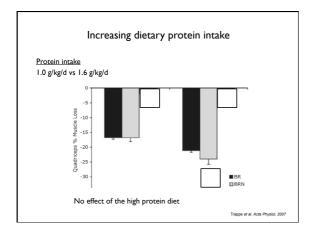


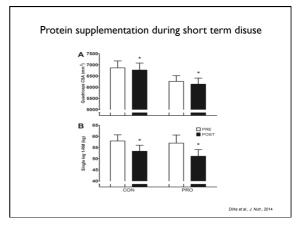


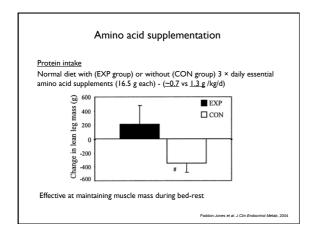


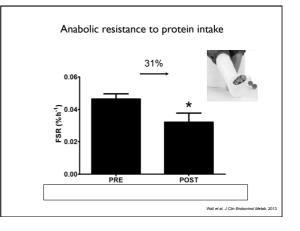


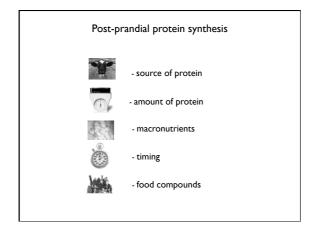


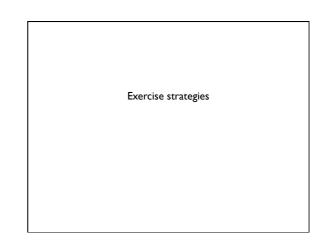




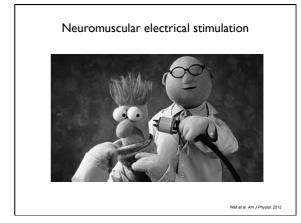


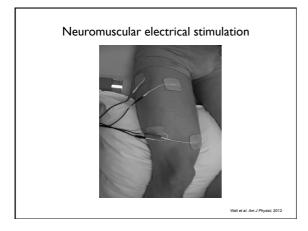


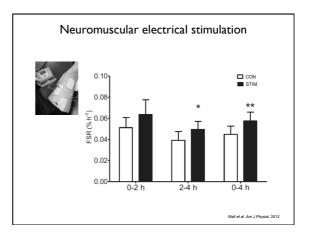


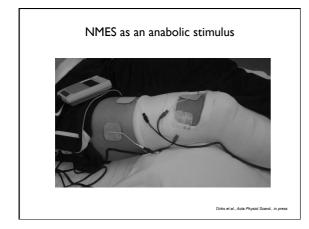


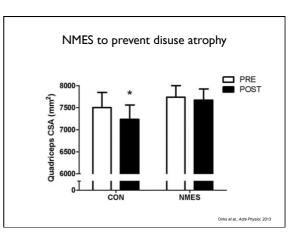


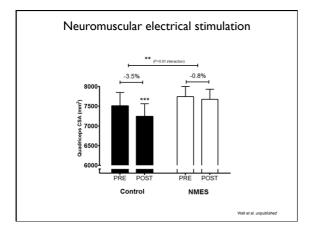


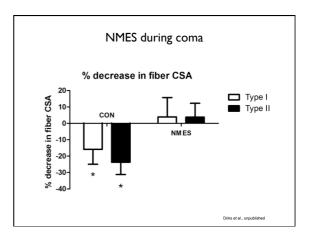


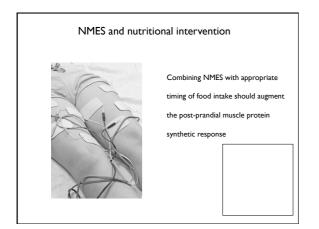


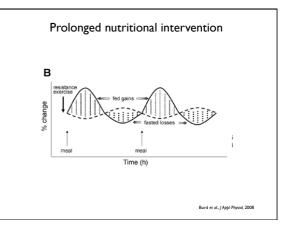


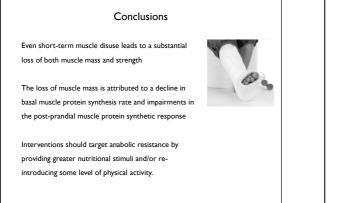


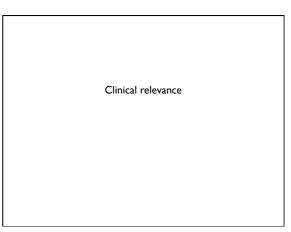


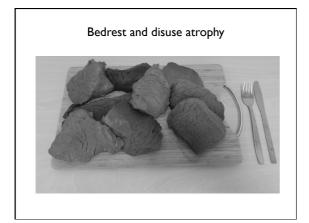












Hospital admission



Short periods of bedrest following disease or injury contribute substantially to the loss of muscle mass with aging

Wall et al., Aging Res. Rev., 2013

