On the relevance of carnosine and carnosinase for the development of diabetic nephropathy
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APPENDICES


60. Gulewitsch W. Ueber das Carnosin, eine neue organische Base des Fleischextractes.. *Berichte der deutschen chemischen Gesellschaft*, 1900; **33(2)** 1902-1903.


88. Stuerenburg HJ, Kunze K. Concentrations of free carnosine (a putative membrane-
protective antioxidant) in human muscle biopsies and rat muscles. *Arch Gerontol

89. Tallon MJ, Harris RC, Maffulli N, Tarnopolsky MA. Carnosine, taurine and enzyme
activities of human skeletal muscle fibres from elderly subjects with osteoarthritis and
young moderately active subjects. *Biogerontology* 2007; **8**: 129-137.

90. Hipkiss AR. Would carnosine or a carnivorous diet help suppress aging and associated

deterioration in mice and protect human low density lipoprotein against oxidation and

92. Calabrese V, Colombrita C, Guagliano E, Sapienza M, *et al.* Protective effect of
carnosine during nitrosative stress in astroglial cell cultures. *Neurochem Res* 2005; **30**;
797-807.

93. Kohen R, Yamamoto Y, Cundy KC, Ames BN. Antioxidant activity of carnosine,
homocarnosine, and anserine present in muscle and brain. *Proc Natl Acad Sci U S A*
1988; **85**: 3175-3179.

94. Hipkiss AR, Michaelis J, Syrris P. Non-enzymatic glycosylation of the dipeptide L-

95. Seidler NW. Carnosine prevents the glycation-induced changes in electrophoretic

96. Yan H, Harding JJ. Carnosine protects against the inactivation of esterase induced by
glycation and a steroid. *Biochim Biophys Acta* 2005; **1741**: 120-126.


98. Dobrota D, Fedorova T, Stvolinsky S, Babusikova E, *et al.* Carnosine protects the

99. Fouad AA, El-Rehany MA, Maghraby HK. The hepatoprotective effect of carnosine

100. Fujii T, Takaoka M, Muraoka T, Kurata H, *et al.* Preventive effect of L-carnosine on
ischemia/reperfusion-induced acute renal failure in rats. *Eur J Pharmacol* 2003; **474**;
261-267.

101. Fujii T, Takaoka M, Tsuruoka N, Kiso Y, *et al.* Dietary supplementation of L-
carnosine prevents ischemia/reperfusion-induced renal injury in rats. *Biol Pharm Bull*
2005; **28**: 361-363.


111. Hipkiss AR, Brownson C, Carrier MJ. Carnosine, the anti-ageing, anti-oxidant dipeptide, may react with protein carbonyl groups. *Mech Ageing Dev* 2001; **122**: 1431-1445.


143. Sasai K, Ikeda Y, Fujii T, Tsuda T, *et al.* UDP-GlcNAc concentration is an important factor in the biosynthesis of beta1,6-branched oligosaccharides: regulation based on
the kinetic properties of N-acetylglucosaminyltransferase V. *Glycobiology* 2002; **12**: 119-127.


197. Ziyadeh FN, Sharma K, Ericksen M, Wolf G. Stimulation of collagen gene expression and protein synthesis in murine mesangial cells by high glucose is mediated by


262. Del Soldato PMM, IT): Drugs for diabetes. In (vol 20040023890), United States, 2004


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