

AGE-CML ELISA

List of Publications:

Elevated serum levels of N(epsilon)-carboxymethyl-lysine, an advanced glycation end product, are associated with proliferative diabetic retinopathy and macular oedema.

Boehm BO, Schilling S, Rosinger S, Lang GE, Lang GK, Kientsch-Engel R, Stahl P. Diabetologia. 2004 Aug;47(8):1376-9. Epub 2004 Jul 17. PMID: 15258735 [PubMed - indexed for MEDLINE]

Concentrations of Nepsilon-carboxymethyllysine in human breast milk, infant formulas, and urine of infants.

Dittrich R, Hoffmann I, Stahl P, Müller A, Beckmann MW, Pischetsrieder M. J Agric Food Chem. 2006 Sep 6;54(18):6924-8. PMID: 16939359 [PubMed - indexed for MEDLINE]

Elevation of Nepsilon-(carboxymethyl)lysine-modified advanced glycation end products in chronic liver disease is an indicator of liver cirrhosis.

Yagmur E, Tacke F, Weiss C, Lahme B, Manns MP, Kiefer P, Trautwein C, Gressner AM. Clin Biochem. 2006 Jan;39(1):39-45. PMID: 16321365 [PubMed - indexed for MEDLINE]

Advanced glycation end products and their circulating receptors and level of kidney function in older community-dwelling women.

Semba RD, Ferrucci L, Fink JC, Sun K, Beck J, Dalal M, Guralnik JM, Fried LP. Am J Kidney Dis. 2009 Jan;53(1):51-8. Epub 2008 Sep 11. PMID: 18789567 [PubMed - indexed for MEDLINE]

Association between serum carboxymethyl-lysine, a dominant advanced glycation end product, and anemia in adults: the Baltimore longitudinal study of aging.

Semba RD, Patel KV, Sun K, Guralnik JM, Ershler WB, Longo DL, Ferrucci L. J Am Geriatr Soc. 2008 Nov;56(11):2145-7. No abstract available. PMID: 19016950 [PubMed - indexed for MEDLINE]

AGE-modified albumin containing infusion solutions boosts septicaemia and inflammation in experimental peritonitis.

Humpert PM, Lukic IK, Thorpe SR, Hofer S, Awad EM, Andrassy M, Deemer EK, Kasper M, Schleicher E, Schwaninger M, Weigand MA, Nawroth PP, Bierhaus A. J Leukoc Biol. 2009 Sep;86(3):589-97. Epub 2009 Apr 28. PMID: 19401390 [PubMed - indexed for MEDLINE]

Maillard reaction products in food as pro-inflammatory and pro-arteriosclerotic factors of degenerative diseases.

Webster J, Wilke M, Stahl P, Kientsch-Engel R, Münch G. Z Gerontol Geriatr. 2005 Oct;38(5):347-53. PMID: 16244820 [PubMed - indexed for MEDLINE]

The advanced glycation end-product N epsilon-(carboxymethyl)lysine level is elevated in cerebrospinal fluid of patients with amyotrophic lateral sclerosis.

Kaufmann E, Boehm BO, Süssmuth SD, Kientsch-Engel R, Sperfeld A, Ludolph AC, Tumani H. Neurosci Lett. 2004 Nov 23;371(2-3):226-9. PMID: 15519762 [PubMed - indexed for MEDLINE]

Improvement of the quality of diabetes control and decrease in the concentrations of AGE-products in patients with type 1 and insulin-treated type 2 diabetes mellitus: results from a 10 year-prospective, population-based survey on the quality of diabetes care in Germany (JEVIN).

Schiel R, Franke S, Appel T, Voigt U, Ross IS, Kientsch-Engel R, Müller UA, Stein G.
Eur J Med Res. 2004 Aug 31;9(8):391-9.
PMID: 15337629 [PubMed - indexed for MEDLINE]

Age- and stage-dependent accumulation of advanced glycation end products in intracellular deposits in normal and Alzheimer's disease brains.

Lüth HJ, Ogunlade V, Kuhla B, Kientsch-Engel R, Stahl P, Webster J, Arendt T, Münch G.
Cereb Cortex. 2005 Feb;15(2):211-20. Epub 2004 Jul 6.
PMID: 15238435 [PubMed - indexed for MEDLINE]

Serum carboxymethyl-lysine, an advanced glycation end product, is associated with increased aortic pulse wave velocity in adults.

Semba RD, Najjar SS, Sun K, Lakatta EG, Ferrucci L.
Am J Hypertens. 2009 Jan;22(1):74-9. Epub 2008 Nov 20.
PMID: 19023277 [PubMed - indexed for MEDLINE]

Carboxymethyl-lysine, an advanced glycation end product, and decline of renal function in older community-dwelling adults.

Semba RD, Fink JC, Sun K, Bandinelli S, Guralnik JM, Ferrucci L.
Eur J Nutr. 2009 Feb;48(1):38-44. Epub 2008 Nov 24.
PMID: 19031098 [PubMed - indexed for MEDLINE]

Evidence That Serum Levels of the Soluble Receptor for Advanced Glycation End Products Are Inversely Associated with Pancreatic Cancer Risk: A Prospective Study

Jiao L, Weinstein SJ, Albanes D, Taylor PR, Graubard BI, Virtamo J and Stolzenberg-Solomon RZ.
Cancer Res. 2011 May 15;71(10):3582-9. Epub 2011 May 3.
PMID: 21540233 [PubMed - indexed for MEDLINE]

Advanced Glycation End Products, Soluble Receptor for Advanced Glycation End Products, and Risk of Colorectal Cancer

Jiao L, Taylor PR, Weinstein SJ, Graubard BI, Virtamo J, Albanes D, Stolzenberg-Solomon RZ.
Cancer Epidemiol Biomarkers Prev. 2011 Jul;20(7):1430-8. Epub 2011 Apr 28.
PMID: 21527578 [PubMed - in process]