

## Ascorbic Acid Deficiency

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### Recent Publications on Ascorbic Acid Deficiency:

- [Maternal alcohol consumption may influence cord blood ascorbic acid concentration: findings from a study of Brazilian mothers and their newborns.](#)  
*Studies that have investigated ascorbic acid (AA) concentrations in cord...*17th November, 2009  
Department of Nutrition, Faculty of Public Health, University of Sao- Br J Nutr. 2009 Sep;102(6):895-8. ([DOI Direct Link](#))
- [\[Nutrition and bone health. Roles of vitamin C and vitamin B as regulators of bone mass and quality\]](#)  
*Vitamin C and a vitamin B are essential nutrients to maintain bone density...*3rd November, 2009  
Department of Orthopaedic Surgery, Jikei University School of Medicine.- Clin Calcium. 2009 Aug;19(8):1192-9. ([DOI Direct Link](#))
- [Association of some specific nutrient deficiencies with periodontal disease in elderly people: A systematic literature review.](#)  
*OBJECTIVE: Deficiency of vitamin B complex, vitamin C, vitamin D, calcium,...*21st October, 2009  
Zorgacent Amersfoort Medical Services, Amersfoort, The Netherlands.- Nutrition. 2009 Jul-Aug;25(7-8):717-22. ([DOI Direct Link](#))
- [The history of vitamin C research in India.](#)  
*Glutathione and ascorbate are considered the major redox buffers in plant...*9th October, 2009  
Dr B C Guha Centre for Genetic Engineering and Biotechnology, Calcutta- J Biosci. 2009 Jun;34(2):185-94.
- [Vitamin C deficiency in early postnatal life impairs spatial memory and reduces the number of hippocampal neurons in guinea pigs.](#)  
*BACKGROUND: The neonatal brain is particularly vulnerable to imbalances in...*30th September, 2009  
Department of Veterinary Disease Biology, University of Copenhagen,- Am J Clin Nutr. 2009 Sep;90(3):540-6. Epub 2009 Jul 29. ([DOI Direct Link](#))
- [Unrecognised scurvy.](#)  
*A hydroponic experiment was carried out to study the effect of cadmium...*29th September, 2009  
Department of Vascular Surgery, University Hospitals Birmingham NHS- BMJ. 2009 Sep 17;339:b3580. doi: 10.1136/bmj.b3580.
- [A case of infantile scurvy treated only with vitamin C: a forgotten disease.](#)  
*Scurvy is a rare disease occurring because of a nutritional deficiency of...*25th September, 2009  
Baltalimani Metin Sabanci Bone and Joint Diseases Education and Research- Acta Orthop Belg. 2009 Jun;75(3):428-30.
- [Functional genetic variants of glutathione S-transferase protect against serum ascorbic acid deficiency.](#)

*BACKGROUND: Glutathione S-transferases (GSTs) are detoxifying enzymes that...* 28th August, 2009  
Department of Nutritional Sciences, University of Toronto, Toronto,- Am J Clin Nutr. 2009  
Nov;90(5):1411-7. Epub 2009 Aug 26. ([DOI Direct Link](#))

- [Role of marginal vitamin C deficiency in atherogenesis: in vivo models and clinical studies.](#)  
*Vitamin C is a pivotal redox modulator in many biological reactions of...* 22nd August, 2009  
Section of Biomedicine, Department of Disease Biology, Faculty of Life- Basic Clin Pharmacol Toxicol.  
2009 Jun;104(6):419-33. ([DOI Direct Link](#))
- [Vitamin C deficiency in a population of young Canadian adults.](#)  
*A cross-sectional study of the 979 nonsmoking women and men aged 20-29...* 12th August, 2009  
Department of Nutritional Sciences, University of Toronto, Ontario,- Am J Epidemiol. 2009 Aug  
15;170(4):464-71. Epub 2009 Jul 13. ([DOI Direct Link](#))
- [Sub-cellular distribution of glutathione in an Arabidopsis mutant \(vtc1\) deficient in ascorbate.](#)  
*Glutathione and ascorbate are considered the major redox buffers in plant...* 7th July, 2009  
Department of Stress Biology and Plant Pathology, CEBAS-CSIC, Campus de- J Plant Physiol. 2009  
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- [Effects of vitamin C deficiency on the skin of the senescence marker protein-30 \(SMP30\) knockout mouse.](#)  
*Senescence marker protein-30 (SMP30) is a gluconolactonase required for...* 1st July, 2009  
Division of Matrix Biology, Scleroprotein Research Institute, Tokyo- Biochem Biophys Res Commun.  
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- [Arthritis and gum bleeding in two children.](#)  
*In developed countries, scurvy is quite rare and can be seen in children...* 30th June, 2009  
Department of Paediatrics, Rheumatology Unit, University of Messina,- J Paediatr Child Health. 2009  
Mar;45(3):158-60. ([DOI Direct Link](#))
- [Collagen-related abnormalities, reduction in bone quality, and effects of menatetrenone in rats with a congenital ascorbic acid deficiency.](#)  
*In this study, we focused on collagen metabolism as a factor involved in...* 18th June, 2009  
Department of Customer Information Service, CRC & QA, Eisai Co., Ltd.,- J Bone Miner Metab.  
2009;27(3):324-32. Epub 2009 Mar 31. ([DOI Direct Link](#))
- [Combined selenium and vitamin C deficiency causes cell death in guinea pig skeletal muscle.](#)  
*Combined antioxidant deficiencies of selenium and vitamin E or vitamin E...* 6th June, 2009  
Division of Gastroenterology, Hepatology, and Nutrition, Department of- Nutr Res. 2009  
Mar;29(3):213-9. ([DOI Direct Link](#))

## Ascorbic Acid Deficiency Patents:



- 7579171- [Ascorbic acid production from yeast](#)
- 4985443- [Method and composition for treating vitiligo](#)
- 5230996- [Use of ascorbate and tranexamic acid solution for organ and blood vessel treatment prior to transplantation](#)
- 5278189- [Prevention and treatment of occlusive cardiovascular disease with ascorbate and substances that inhibit the binding of lipoprotein \(A\)](#)
- 5294433- [Use of H-2 antagonists for treatment of gingivitis](#)
- 5364616- [Use of H-2 antagonists for treatment of gingivitis](#)

- 5521090- [L-ascorbic acid containing biomass of chlorella pyrenoidosa](#)
- 6065245- [Integrated aquaculture-hydroponics systems: nutrient dynamics and designer diet development](#)
- 6630330- [Ascorbic acid production from yeast](#)
- 6693077- [Keratinocyte growth factor-2](#)
- 6749832- [Labelled ascorbic acid derivatives](#)
- 6899891- [Nutritional composition, methods of producing said composition and methods of using said composition](#)
- 7045546- [Stabilized derivatives of ascorbic acid-3-phosphate](#)
- 7232667- [Keratinocyte growth factor-2 polynucleotides](#)
- 4154820- [Compositions containing alkali metal sulfate salts of conjugated estrogens and antioxidants as stabilizers](#)

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Send comments and feedback to:

Peter Barfoot Managing Director, BioPortfolio Ltd.

UK Tel: (+44) 1300 321501

USA Voicemail and Fax: (+1) 415 680 2472

[Peter Barfoot peter.barfoot@bioportfolio.com](mailto:peter.barfoot@bioportfolio.com)

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