

H-K-Exchanging Atpase

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Recent Publications on H-K-Exchanging Atpase:

- [Physiology and pathophysiology of potassium channels in gastrointestinal epithelia.](#)
*Epithelial cells of the gastrointestinal tract are an important barrier...*30th August, 2008
Institute of Physiology and Clinic and Polyclinic for Internal Medicine- *Physiol Rev.* 2008 Jul;88(3):1119-82. ([DOI Direct Link](#))
- [Time-dependent component-specific regulation of gastric acid secretion-related proteins by roasted coffee constituents.](#)
*Consumption of coffee beverages has been reported to cause gastric...*13th August, 2008
Deutsche Forschungsanstalt für Lebensmittelchemie, Garching, Germany.- *Ann N Y Acad Sci.* 2008 Apr;1126:310-4. ([DOI Direct Link](#))
- [Involvement of the H₃O⁺-Lys-164 -Gln-161-Glu-345 charge transfer pathway in proton transport of gastric H⁺,K⁺-ATPase.](#)
*Gastric H⁽⁺⁾,K⁽⁺⁾-ATPase is shown to transport 2 mol of H⁽⁺⁾/mol of ATP...*25th July, 2008
Department of Pharmaceutical Physiology, Graduate School of Medicine and- *J Biol Chem.* 2008 Jun 13;283(24):16876-84. Epub 2008 Apr 9. ([DOI Direct Link](#))
- [Gastroesophageal reflux disease \(GERD\): is there more to the story?](#)
*Gastroesophageal reflux disease (GERD) affects both men and women...*19th July, 2008
Center of Molecular Biology of Oral Diseases, College of Dentistry/Jesse- *ChemMedChem.* 2008 Apr;3(4):552-9. ([DOI Direct Link](#))
- [Control of gastric acid secretion in health and disease.](#)
*Recent milestones in the understanding of gastric acid secretion and...*8th July, 2008
Department of Medicine, Division of Gastroenterology, Virginia- *Gastroenterology.* 2008 Jun;134(7):1842-60. Epub 2008 May 12. ([DOI Direct Link](#))
- [Effect of proton pump inhibitor pantoprazole on growth and morphology of oral Lactobacillus strains.](#)
*OBJECTIVES: Proton pump inhibitors (PPI) used to suppress acid secretion...*3rd June, 2008
Department of Otolaryngology-Head and Neck Surgery, Mount Sinai School of- *Laryngoscope.* 2008 Apr;118(4):599-604. ([DOI Direct Link](#))
- [Characterization of Na,K-ATPase and H,K-ATPase enzymes with glycosylation-deficient beta-subunit variants by voltage-clamp fluorometry in Xenopus oocytes.](#)
*The role of N-linked glycosylation of beta-subunits in the functional...*28th May, 2008
Max Volmer Laboratory for Biophysical Chemistry, Institute of Chemistry,- *Biochemistry.* 2008 Apr 8;47(14):4288-97. Epub 2008 Mar 15. ([DOI Direct Link](#))
- [Molecular dissection of HCl secretion in gastric parietal cells using streptolysin O permeabilization.](#)
*Histamine-stimulated gastric acid secretion involves a transient elevation...*16th May, 2008

Department of Physiology, Morehouse School of Medicine, Atlanta, GA, USA.- *Methods Mol Biol.* 2008;440:217-26. ([DOI Direct Link](#))

- [Interpretation of the 13C-urea breath test in the choice of second- and third-line eradication of *Helicobacter pylori* infection.](#)
*BACKGROUND: The urea breath test (UBT) is one of the most accurate methods...*16th May, 2008
Gastroenterology, Ferencvaros Health Center, 1095, Budapest, Mester utca- *J Gastroenterol.* 2008;43(2):108-14. Epub 2008 Feb 29. ([DOI Direct Link](#))
- [Impaired acid secretion in cortical collecting duct intercalated cells from H-K-ATPase-deficient mice: role of HKAlpha isoforms.](#)
*Two classes of H pumps, H-K-ATPase and H-ATPase, contribute to luminal...*9th May, 2008
North Florida/South Georgia Veterans Health System, University of Florida,- *Am J Physiol Renal Physiol.* 2008 Mar;294(3):F621-7. Epub 2007 Dec 5. ([DOI Direct Link](#))
- [Localization, trafficking, and significance for acid secretion of parietal cell Kir4.1 and KCNQ1 K+ channels.](#)
*BACKGROUND & AIMS: K(+) recycling at the apical membrane of gastric...*25th April, 2008
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- [Neoplastic transformation and induction of H+,K+ -adenosine triphosphatase by N-methyl-N'-nitro-N-nitrosoguanidine in the gastric epithelial RGM-1 cell line.](#)
*N-methyl-N'-nitro-N-nitrosoguanidine (MNNG) induces gastric cancer in...*23rd April, 2008
Division of Gastroenterology, Graduate School of Comprehensive Human- In Vitro Cell Dev Biol Anim. 2008 Jan-Feb;44(1-2):26-30. Epub 2007 Nov 22. ([DOI Direct Link](#))
- [Gastroprotective effect of standardized extract of *Ficus glomerata* fruit on experimental gastric ulcers in rats.](#)
*ETHNOPHARMACOLOGICAL RELEVANCE: Traditionally fruits of *Ficus glomerata*...*23rd April, 2008
Pharmacognosy and Ethnopharmacology Division, National Botanical Research- *J Ethnopharmacol.* 2008 Jan 17;115(2):323-6. Epub 2007 Sep 29. ([DOI Direct Link](#))
- [H,K-ATPase protein localization and Kir4.1 function reveal concordance of three axes during early determination of left-right asymmetry.](#)
*Consistent laterality is a fascinating problem, and study of the *Xenopus*...*9th April, 2008
Forsyth Institute, Forsyth Center for Regenerative and Developmental- *Mech Dev.* 2008 Mar-Apr;125(3-4):353-72. Epub 2007 Nov 4. ([DOI Direct Link](#))
- [Blockage of intracellular proton extrusion with proton extrusions with proton pump inhibitor induces apoptosis in gastric cancer.](#)
*Proton pump inhibitors have been used for treatment of acid-related...*19th February, 2008
Genome Research Center for Gastroenterology, Ajou University School of- *Cancer Sci.* 2008 Jan;99(1):185.

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