

Jejunum

[View the current Jejunum InDepth page on BioPortfolio.com](http://www.bioportfolio.com/indepth/Jejunum.html)

(<http://www.bioportfolio.com/indepth/Jejunum.html>)

In anatomy of the digestive system, the jejunum is the central of the three divisions of the small intestine and lies between the duodenum and the ileum. The change from the duodenum to the jejunum is usually defined as the ligament of Treitz. In adult humans, the small intestine is usually between 5.5-6m long, 2.5m of which is the jejunum. The pH in the jejunum is usually between 7 and 8 . The jejunum and the ileum are suspended by mesentery which gives the bowel great mobility within the abdomen. It also contains muscles to help move the food along.



Recent Publications on Jejunum:

- [Hormonal evaluation following laparoscopic treatment of type 2 diabetes mellitus patients with BMI 20-34.](#)
*BACKGROUND: A group of patients with type 2 diabetes mellitus (T2DM) and...*3rd October, 2008
Gastrointestinal Surgery, Hospital de Especialidades, Goiania, Brazil,- Surg Endosc. 2008 Oct 2. ([DOI Direct Link](#))
- [Double-balloon endoscopy for treatment of long-term abdominal discomfort due to small bowel penetration by an eel bone.](#)
*BACKGROUND: Penetration of the GI tract by a fish bone was treated by...*3rd October, 2008
Department of Gastroenterology, Juntendo University School of Medicine,- Med Sci Monit. 2008 Oct;14(10):CS107-9.
- [The gastrointestinal microbiota affects the selenium status and selenoprotein expression in mice.](#)
*Colonization of germ-free (GF) mice has been shown to induce the...*3rd October, 2008
Department of Biochemistry of Micronutrients, German Institute of Human- J Nutr Biochem. 2008 Sep 29. ([DOI Direct Link](#))
- [Assessment of the Diagnostic Value of Duodenal Bulb Histology in Patients With Celiac Disease, Using Multiple Biopsy Sites.](#)
*BACKGROUND: Multiple endoscopic biopsies from the descending duodenum are...*2nd October, 2008
Division of GE Histopathology and Pediatric Gastroenterology, Department- J Clin Gastroenterol. 2008 Sep 29. ([DOI Direct Link](#))
- [Functional and metabolic implications of biotin deficiency for the rat heart.](#)
*The tricarboxylic acid (TCA) cycle is the main ATP provider for the heart....*1st October, 2008
Unidad de Genetica de la Nutricion, Instituto de Investigaciones- Mol Genet Metab. 2008 Sep 26. ([DOI Direct Link](#))
- [FcRn-mediated antibody transport across epithelial cells revealed by electron tomography.](#)
*The neonatal Fc receptor (FcRn) transports maternal IgG across epithelial...*27th September, 2008
Division of Biology 114-96, California Institute of Technology, 1200 East- Nature. 2008 Sep 25;455(7212):542-6. ([DOI Direct Link](#))

- [Comparison of transcriptional changes associated with E. acervulina and E. maxima infections using cDNA microarray technology.](#)
*Enhanced understanding of host-pathogen interactions at local sites of...*27th September, 2008
Animal Parasitic Diseases Laboratory, Animal and Natural Resources- Dev Biol (Basel). 2008;132:121-30.
- [Involvement of ST1B subfamily of cytosolic sulfotransferase in kynurenine metabolism to form natriuretic xanthurenic acid sulfate.](#)
*Natriuretic substances are a group of molecules affecting sodium...*26th September, 2008
Tohoku University.- J Pharmacol Exp Ther. 2008 Sep 24. ([DOI Direct Link](#))
- [Validation of a rodent model of Barrett's esophagus using quantitative gene expression profiling.](#)
*BACKGROUND: A rodent model of gastroduodenal-esophageal reflux can result...*25th September, 2008
Department of Surgery, University of Southern California, Los Angeles, CA,- Surg Endosc. 2008 Sep 24. ([DOI Direct Link](#))
- [Giant malignant ovarian fibrothecoma involved with retroperitoneal structures mimicking a retroperitoneal sarcoma.](#)
*INTRODUCTION: Ovary is located inside peritoneal cavity. However, a huge...*25th September, 2008
Department of Surgical Oncology, The Third Xiangya Hospital of Central- Arch Gynecol Obstet. 2008 Sep 24. ([DOI Direct Link](#))
- [Pattern Approach for Diseases of Mesenteric Small Bowel on Barium Studies.](#)
*Despite an array of sophisticated imaging techniques, the barium...*25th September, 2008
Department of Radiology, Hospital of the University of Pennsylvania, 3400- Radiology. 2008 Sep 23. ([DOI Direct Link](#))
- [GATA4 Is Essential for Jejunal Function in Mice.](#)
*BACKGROUND & AIMS: Although the zinc-finger transcription factor GATA4 has...*25th September, 2008
Department of Cell Biology, Neurobiology, and Anatomy, Medical College of- Gastroenterology. 2008 Aug 3. ([DOI Direct Link](#))
- [Intestinal first-pass glucuronidation activities of selected dihydroxyflavones.](#)
*Flavonoids have low bioavailabilities due to extensive intestinal...*24th September, 2008
School of Pharmacy, Faculty of Medicine, The Chinese University of Hong- Int J Pharm. 2008 Sep 3. ([DOI Direct Link](#))
- [\[Treatment of recurrent Clostridium difficile-associated diarrhoea with a suspension of donor faeces\]](#)
*OBJECTIVE: To study the effect of treating recurrent Clostridium...*24th September, 2008
Academisch Medisch Centrum/Universiteit van Amsterdam, Meibergdreef 9,- Ned Tijdschr Geneesk. 2008 Aug 30;152(35):1927-32.
- [Intra-abdominal lesions could be missed by inadequate laparoscopy.](#)
*Laparoscopic resection has become one of the choices for colectomy for...*24th September, 2008
Division of Colon and Rectal Surgery, Department of Surgery, Taipei Mackay- Am Surg. 2008 Sep;74(9):824-6; discussion 827-8.

BioNews Results for Jejunum

- [Glucose-dependent Insulinotropic Polypeptide Stimulates Transepithelial Glucose Transport](#)
Nature: Sep 29 2008 10:08AM Matching: jejunum
- [Agent for inducing conversion of intestinal cells into insulin-producing cells and antidiabetic drug](#)
PharmCast: Sep 22 2008 7:57PM Matching: jejunum
- [Warwick University worker kicks off cancer appeal in memory of dad](#)
Coventry Telegraph: Sep 2 2008 12:03PM Matching: jejunum

Jejunum Clinical Trials:



- [Evaluation of Jejunal Placement of Enteral Feeding Tubes](#)
Critical Illness; Tube Feeding

Jejunum Patents:



- 7368279- [Three dimensional bioengineered smooth muscle tissue and sphincters and methods therefor](#)
- 7393927- [Protein belonging to the TNF superfamily involved in signal transduction, nucleic acids encoding same, and methods of use thereof](#)
- 7393938- [Use of lipid conjugates in the treatment of diseases](#)
- 7393942- [Nucleic acids encoding mutant forms of Fas ligand](#)
- 7393958- [Triamide-substituted heterobicyclic compounds](#)
- 7396809- [Methods and reagents for treating glucose metabolic disorders](#)
- 7396919- [Charge reversal of polyion complexes](#)
- 7399461- [Prostate-specific membrane antigen and uses thereof](#)
- 7399821- [Alkylated poly\(allylamine\) polymers and methods of use](#)
- 7399823- [Antimicrobial theta defensins and methods of using same](#)
- 7401722- [Circular surgical stapler with a detachable anvil](#)
- 7393534- [Compositions and methods for immunotherapy of cancer and infectious diseases](#)
- 7393525- [Method for introducing and expressing genes in animal cells, and live invasive bacterial vectors for use in the same](#)
- 7390791- [Prodrugs of phosphonate nucleotide analogues](#)
- 7368554- [Polynucleotides encoding BSL2v1c2-Ig](#)
- 7368573- [Triamide-substituted heterobicyclic compounds](#)
- 7375080- [Immobilized lactoferrin \(Im-LF\) antimicrobial agents and uses thereof](#)
- 7381522- [Non-endogenous, constitutively activated known G protein-coupled receptors](#)
- 7381716- [Nanoparticles for protein drug delivery](#)
- 7384624- [Oral contrast and method of producing the oral contrast](#)
- 7384628- [Lactic acid bacteria and its use in direct-fed microbials](#)
- 7385026- [Modified ghrelin polypeptides](#)
- 7388076- [Human immunosuppressive protein](#)
- 7390505- [Nanoparticulate topiramate formulations](#)
- 7402401- [Methods of and kits and compositions for diagnosing colorectal tumors and metastasis thereof](#)
- 7402569- [Treatment of Helicobacter with isothiocyanates](#)
- 7422758- [Sustained release vitamin composition](#)
- 7422887- [Phospholipase A.sub.2 and gene thereof](#)
- 7423019- [Agent for inducing conversion of intestinal cells into insulin-producing cells and antidiabetic drug](#)

- 7425217- [System and method for inhibiting cellular proliferation with tachykinins](#)
- 7425579- [Methods for inhibiting activity of polyamine transporters](#)
- 7425624- [Sulfotransferase 1A3 sequence variants](#)
- 7426440- [Repair and protection factor scoring method for bioactive agents](#)
- 7427391- [Formulations for use in medical and diagnostic procedures](#)
- 7427600- [Active agent delivery systems and methods for protecting and administering active agents](#)
- 7429394- [Ion binding compositions](#)
- 7419794- [Antibodies specific for CYP1B1](#)
- 7419479- [Catheter](#)
- 7417022- [Compounds and compositions for delivering active agents](#)
- 7402659- [Thymic stromal lymphopoietin receptor molecules and uses thereof](#)
- 7402663- [Modified peptide](#)
- 7404951- [Method and composition for protecting neuronal tissue from damage induced by elevated glutamate levels](#)
- 7405238- [Pharmacological inducement of the fed mode for enhanced drug administration to the stomach](#)
- 7407952- [Reverse-turn mimetics and compositions and methods related thereto](#)
- 7410949- [Neuropeptide-2 receptor \(Y-2R\) agonists and uses thereof](#)
- 7410985- [Cycloalkyl derivatives of 3-hydroxy-4-pyridinones](#)
- 7411048- [Diagnostic method for diseases by screening for hepcidin in human or animal tissues, blood or body fluids](#)
- 7414122- [Nucleic acids encoding B7-Like molecules and uses thereof](#)
- 7416528- [Latching device for gastric band](#)
- 7429595- [Acyl and sulfonyl derivatives of 6,9-disubstituted 2-\(trans-1,4-diaminocyclohexyl\)-purines and their use as antiproliferative agents](#)

Resources from the [NCBI](#) used in this document, [NCBI's standard disclaimer applies](#).

Nothing in this document should be used in place of personal medical advice from your own qualified medical practitioner. See BioPortfolio.com [User Agreement](#)

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)

All rights reserved. All other trademarks recognized.

BioPortfolio Limited is registered in England & Wales at Wessex Barn, Dorchester Road, Frampton, Dorset, DT2 9NB, UK. No.3312883 VAT No. GB 744 6483 10

Copyright 1997-2008 - BioPortfolio Limited.

