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Taste Receptors in the Gastrointestinal Tract

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Nov. 2006  L-Amino acid-sensing by calcium-sensing receptors: implications for GI physiology  A. Conigrave and E. M. Brown
Dec. 2006  Salty and sour taste: sensing of sodium and protons by the tongue  J. DeSimone and V. Lyall
Feb. 2007  Functional implications of bitter taste receptors in gastrointestinal chemosensing  C. Sterdini
Mar. 2007  Acid sensing in the GI tract  P. Holzer

Differentiation of the Gastric Mucosa

Oct. 2006  Role of histamine in control of gastric mucosal integrity of oxyntic mucosa: understanding gastric physiology through disruption of targeted genes  D. Chen, T. Aihara, C.-M. Zhao, R. Hakanson, and S. Okabe
Nov. 2006  Role of gastrin in gastric epithelial cell proliferation and maturation  R. Jain and L. Samuelson
Dec. 2006  Animal models of oxyntic atrophy and metaplasia  J. R. Goldenring and S. Nomura
Jan. 2007  Role of trefoil peptides and IL-6 cytokine family signaling in gastric homeostasis  A. S. Giraud, C. Jackson, T. R. Menheniott, and L. M. Judd

CURRENT THEMES

TLRs in the Gut

Jan. 2007  Role of TLRs/Nods in intestinal development and homeostasis  I. R. Sanderson and W. A. Walker
Mar. 2007  Immune responses to flagellin in Crohn’s disease: good, bad, or irrelevant  A. T. Gewirtz
Jun. 2007  Negative regulation of toll-like receptors and intestinal homeostasis: addition by subtraction  O. Shibolet and D. Podolsky

Regulation of Triglyceride Metabolism

Apr. 2007  Eukaryotic neutral lipid synthesis: “Many ways to skin ACAT or a DGAT”  A. Turkish and S. L. Sturley
May 2007  Function of mitochondrial GPAT1 in the regulation of triacylglycerol biosynthesis and insulin action  M. R. Gonzalez-Baró, T. M. Lewin, and R. A. Coleman