

High-fat diet modifies the PPAR- γ pathway leading to disruption of microbial and physiological ecosystem in murine small intestine
Tomas J, Mulet C, Saffarian A, Cavin JB, Ducroc R, Regnault B, Kun Tan C, Duszka K, Burcelin R, Wahli W, Sansonetti PJ, Pédrón T
PubliMed, , 2016 09 16; DOI : 10.1073/pnas.1612559113
WEB >> <https://www.ncbi.nlm.nih.gov/pubmed/27638207>

Chemokine-Like Receptor 1 Deficiency Does Not Affect the Development of Insulin Resistance and Nonalcoholic Fatty Liver Disease in Mice
Nanda Gruben ; Marcela Aparicio-Vergara ; Niels J Kloosterhuis ; Henk van der Molen ; Stefan Stoelwinder ; Alain de Bruin ; Dianne J Delsing ; Jan Albert Kuivenhoven ; Bart van de Sluis ; Marten H Hofker ; Debby P Y Koonen ; Sameh Youssef
PubMed, , 2014 04 29; DOI : 10.1371/journal.pone.0096345

Visceral adipose tissue and leptin increase colonic epithelial tight junction permeability via a RhoA-ROCK-dependent pathway
Gwenola Le Dréan, Vianney Haure-Mirande, Laurent Ferrier, Christian Bonnet, Philippe Hulin, Pierre de Coppet and Jean-Pierre Segain
FASEB J., vol. 28 1059-1070, 2014 03; DOI : 10.1096/fj.13-234203
WEB >> <http://www.fasebj.org/content/early/2013/11/14/fj.13-234203.short>

Testosterone perturbs systemic iron balance through activation of EGFR signaling in the liver and repression of hepcidin
Chloé Latour, Léon Kautz, Céline Besson-Fournier, Marie-Laure Island, François Canonne-Hergaux, Olivier Loréal, Tomas Ganz, Héliène Coppin, Marie-Paule Roth
American Association for the Study of Liver Diseases, , 2014 02; DOI : 10.1002/hep.26648
WEB >> <http://onlinelibrary.wiley.com/doi/10.1002/hep.26648/abstract>

Western diet induces dysbiosis with increased E coli in CEABAC10 mice, alters host barrier function favouring AIEC colonisation
Margarita Martinez-Medina^{1,2,3}, Jérémy Denizot^{1,2}, Nicolas Dreux^{1,2}, Frédéric Robin^{1,2,4}, Elisabeth Billard^{1,2,5}, Richard Bonnet^{1,2,4}, Arlette Darfeuille-Michaud^{1,2,4,5}, Nicolas Barnich^{1,2,5}
Gut microbiota, 63:116-124, 2014 01; DOI : 10.1136/gutjnl-2012-304119
WEB >> <http://gut.bmj.com/content/63/1/116.abstract>

The hypersensitivity to colonic distension of IBS patients can be transferred to rats through their fecal microbiota
Crouzet L, Gaultier E, Del'Homme C, Cartier C, Delmas E, Dapoigny M, Fioramonti J, Bernalier-Donadille A.
Neurogastroenterol Motil., 25(4):e272-82, 2013 04; DOI : 10.1111/nmo.12103
WEB >> <http://onlinelibrary.wiley.com/doi/10.1111/nmo.12103/full>

Postnatal Growth after Intrauterine Growth Restriction Alters Central Leptin Signal and Energy Homeostasis
Bérengrère Coupé, Isabelle Grit, Philippe Hulin, Gwenaëlle Randuineau, Patricia Parnet
PLoS One, 7(1): e30616., 2012 01 23
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0030616>

Infant gut microbiota is protective against cow's milk allergy in mice despite immature ileal T-cell response
Bertrand Rodriguez, Guenolée Prioult, Ferial Hacini-Rachinel, Deborah Moine, Anne Bruttin, Catherine Ngom-Bru, Chantal Labelle, Ioannis Nicolis, Bernard Berger, Annick Mercenier, Marie-José Butel, Anne-Judith Wallgora-Dupriet
FEMS Microbiology Ecology, Volume 79, Issue 1, pages 192–202, 2012 01

Metabolic adaptation to a high-fat diet is associated with a change in the gut microbiota
Matteo Serino, Elodie Luche, Sandra Gres, Audrey Baylac, Mathieu Bergé, Claire Cenac, Aurélie Waget, and Al.
GUT, , 2011 11 22; DOI : 10.1136/gutjnl-2011-301012
WEB >> <http://gut.bmj.com/content/early/2011/11/22/gutjnl-2011-301012.full>

Helicobacter pylori infection recruits bone marrow-derived cells that participate in gastric preneoplasia in mice
Varon C, Dubus P, Mazurier F, Asencio C, Chambonnier L, Ferrand J, Giese A, Senant-Dugot N, Carloti M, Mégraud F.
PubMed, , 2011 11 04; DOI : 10.1053/j.gastro.2011.10.036
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/22062361>

Ursodeoxycholic acid treatment of hepatic steatosis: a 13C NMR metabolic study
Patricia M. Nunes, John G. Jones, Anabela P. Rolo, Carlos M. M. Palmeira, Rui A. Carvalho
NMR in Biomedicine, Volume 24, Issue 9, pages 1145–1158, 2011 11
WEB >> <http://onlinelibrary.wiley.com/doi/10.1002/nbm.1672/full>

Duodenum-specific drug delivery: In vivo assessment of a pharmaceutically developed enteric-coated capsule for a broad applicability in rat studies
Nathalie Reix, Pauline Guhmann, William Bietiger, Michel Pinget, Nathalie Jeandidier, Séverine Sigrist
International J. of pharmaceuticals, , 2011 10 13
WEB >> <http://www.sciencedirect.com/science/article/pii/S0378517311009549>

Chronic administration of Abarema cochliacarpus attenuates colonic inflammation in rats
Maria Silene da Silva, Susana Sánchez-Fidalgo, Ana Cárdeno, Elena Talero, Marcelo Aparecido da Silva, Wagner Vilegas, Alba R. M. Souza Brito, Catalina A. de la Lastra
Revista Brasileira de Farmacognosia, vol.21 no.4, 2011 08
WEB >> http://www.scielo.br/scielo.php?pid=S0102-695X2011000400018&script=sci_arttext&tlng=pt

Effects of controlled ingestion of kaolinite (5%) on food intake, gut morphology and in vitro motility in rats
Florian Voinot, Caroline Fischer, Amandine Bœuf, Camille Schmidt, Véronique Delval-Dubois, François Reichardt, Nicole Liewig, Bertrand Chaumande, Laurence Ehret-Sabatier, Jean-Hervé Lignot, Fabielle Angel
Fundamental & Clinical Pharmacology, , 2011 07

Intestinal DMT1 Cotransporter Is Down-regulated by Hepcidin via Proteasome Internalization and Degradation
Brasse-Lagnel C, Karim Z, Letteron P, Bekri S, Bado A, Beaumont C.
Gastroenterology, 140(4):1261-1271.e1, 2011 04
WEB >> <http://www.sciencedirect.com/science/article/pii/S0016508510018822>

Gut-Brain Chemokine Changes in Portal Hypertensive Rats
Joaquin Merino, Maria-Angeles Aller, Sandra Rubio, Natalia Arias, Maria-Paz Nava, Maria Loscertales, Jaime Arias and Jorge-Luis Arias
Digestive Diseases and Sciences, Volume 56, Number 8, 2309-2317, 2011 02 24
WEB >> <http://www.springerlink.com/content/p88206817u20p828/>

Safety and intestinal microbiota modulation by the exopolysaccharide-producing strains *Bifidobacterium animalis* IPLA R1 and *Bifidobacterium longum* IPLA E44 orally administered to Wistar rats

Salazar N, Binetti A, Gueimonde M, Alonso A, Garrido P, González del Rey C, González C, Ruas-Madiedo P, de los Reyes-Gavilán CG.
International J. of Food Microbiology, Volume 144, Issue 3, Pages 342–351, 2011 01 05

Influence of the Composition of the Cellulolytic Flora on the Development of Hydrogenotrophic Microorganisms, Hydrogen Utilization, and Methane Production in the Rumen of Gnotobiotically Reared Lambs

Frédérique Chaucheyras-Durand, Sébastien Masséglia, Gérard Fonty, Evelyne Forano
Applied and Environmental Microbiology, 76(24): 7931–7937, 2010 12; DOI : 10.1128/AEM.01784-10
WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3008260/?tool=pmcentrez>

Only fibres promoting a stable butyrate producing colonic ecosystem decrease the rate of aberrant crypt foci in rats

P Perrin, F Pierre, Y Patry, M Champ, M Berreur, G Pradal, F Bornet, K Meflah, J Menanteau
GUT, 48(1):53-61, 2001 01
WEB >> <http://gut.bmj.com/content/48/1/53.abstract>

Selection of cholesterol absorption inhibitors devoid of secondary intestinal effects

Marquet F, Abou el Fadil F, Boubia B, Guffroy C, Pansu D, Descroix-Vagne M.
Reproduction Nutrition Development, 37(6):691-707, 1997 12
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/9477437>

Branched Chain Amino Acids Improve Body Composition and Nitrogen Balance in a Rat Model of Extra Hepatic Biliary Atresia

Sokal EM, Baudoux MC, Collette E, Hausleithner V, Lambotte L, Buts JP.
Pediatric Research, 40(1):66-71, 1996 07
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/8798248>

Fermentable Polysaccharides That Enhance Fecal Bile Acid Excretion Lower Plasma Cholesterol and Apolipoprotein E-Rich HDL in Rats

Moundras C, Behr SR, Demigné C, Mazur A, Rémésy C
J. of Nutrition, 124(11):2179-88, 1994 11
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/7965202?dopt=Abstract>

Effects of soybean fiber on cecal digestion in rats previously adapted to a fiber-free diet

Levrat MA, Behr SR, Rémésy C, Demigné C
J. of Nutrition, 121(5):672-8, 1991 05
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/1850456?dopt=Abstract>

Intestinal Development in the Suckling Rat: Effects of Weaning, Diet Composition, and Glucocorticoids on Thymidine Kinase Activity and DNA Synthesis

BUTS, JEAN-PAUL; DE MEYER, ROGER
Pediatric Research, Volume 18 - Issue 2, 1984 02
WEB >> http://journals.lww.com/pedresearch/Abstract/1984/02000/Intestinal_Development_in_the_Suckling_Rat_6.aspx

Ontogeny of cell proliferation and DNA synthesis in rat colon: role of glucocorticoids

J. P. Buts, R. De Meyer and J. Kolanowski
Am. J. Physiology, 244: G469-G474, 1983 05
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/6846544?dopt=Abstract>

Effect of Chronic Alcohol Administration on Liver Morphology and on Brush Border Membrane Enzymes after Jejunoileal Bypass Operation in Rat

F. Raul, R. Noriega, C. Stock-Damge, M. Doffoel, J.F. Grenier
Digestion, Vol. 24, No. 4, 1982
WEB >> <http://www.online.karger.com/ProdukteDB/produkte.asp?Aktion=ShowPDF&ArtikelNr=198800&Ausgabe=242339&ProduktNr=223838&filename=198800.pdf>
