

A time- and space-resolved nuclear receptor atlas in mouse liver

bioRxiv, , 2023 01 24; DOI : <https://doi.org/10.1101/2023.01.24.525180>  
WEB >> <https://www.biorxiv.org/content/10.1101/2023.01.24.525180v1>

---

Mesenchymal Stem Cells and PRP Therapy Favorize Leak Closure After Sleeve Gastrectomy in Zucker Rats

Marine Benoist & Radwan Kassir, Enora Lecorgne, Cédric Gaggioli & Imed Ben Amor, Marjorie Piche, Virginie Ben Amor, Hichem Chenaitia, Jocelyn Gal, Taycir Skhiri, Jean Gugenheim & Imed Ben Amor  
Springer Link, , 2022 02 22; DOI : <https://doi.org/10.1007/s11695-022-05945-w>  
WEB >> <https://link.springer.com/article/10.1007/s11695-022-05945-w>

---

Early post mortem interval estimation in a mouse model using molecular analyses of the gut thanatomicrobiome

Ángel M.AragonésEduardoMartínez-ManzanaresSilvana TeresaTapia-Paniagua  
Science Direct, Revista Española de Medicina Legal, 2022 01 12; DOI : <https://doi.org/10.1016/j.reml.2021.09.004>  
WEB >> <https://www.sciencedirect.com/science/article/abs/pii/S0377473221000948?via%3Dihub>

---

Comparative effects of alive and pasteurized Akkermansia muciniphila on normal diet-fed mice

Fatemeh Ashrafiyan, Shahrbano Keshavarz Azizi Raffar, Arefeh Shahryari, Ava Behrouzi, Rezvan Yaghoobfar, Arezou Lari, Hamid Reza Moradi, Shohreh Khatami, Mir Davood Omrani, Farzam Vaziri, Andrea Masotti & Seyed Davar Siadat  
Scientific reports, , 2021 09 09; DOI : <https://doi.org/10.1038/s41598-021-95738-5>  
WEB >> <https://www.nature.com/articles/s41598-021-95738-5>

---

Influenza infection impairs the gut's barrier properties and favors secondary enteric bacterial infection through reduced production of short-chain fatty acids

ASM JOURNALS, , 2021 04 05; DOI : <https://doi.org/10.1128/IAI.00734-20>  
WEB >> <https://iai.asm.org/content/early/2021/03/30/IAI.00734-20/article-info>

---

Neonatal Consumption of Oligosaccharides Greatly Increases L-Cell Density without Significant Consequence for Adult Eating Behavior

Gwenola Le Dréan, Anne-Lise Pocheron, Hélène Billard, Isabelle Grit, Anthony Pagniez, Patricia Parnet, Eric Chappuis, Malvyn Rolli-Derkinderen, Catherine Michel  
PubMed, , 2019 08 21; DOI : [10.3390/nu11091967](https://doi.org/10.3390/nu11091967)  
WEB >> <https://pubmed.ncbi.nlm.nih.gov/31438620/>

---

Transcriptional Network Analysis Implicates Altered Hepatic Immune Function in NASH development and resolution

NCBI, , 2019 06 14; DOI : [10.1038/s42255-019-0076-1](https://doi.org/10.1038/s42255-019-0076-1)  
WEB >> <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6837876/>

---

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  
PubMed, , 2016 09 16; DOI : [10.1073/pnas.1612559113](https://doi.org/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](https://doi.org/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](https://doi.org/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, Hélène Coppin, Marie-Paule Roth  
American Association for the Study of Liver Diseases, , 2014 02; DOI : [10.1002/hep.26648](https://doi.org/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-Medina1,2,3, Jérémy Denizot1,2, Nicolas Dreux1,2, Frédéric Robin1,2,4, Elisabeth Billard1,2,5, Richard Bonnet1,2,4, Arlette Darfeuille-Michaud1,2,4,5, Nicolas Barnich1,2,5  
Gut microbiota, 63:116-124, 2014 01; DOI : [10.1136/gutjnl-2012-304119](https://doi.org/10.1136/gutjnl-2012-304119)

---

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](https://doi.org/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

Bérenghère 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, Feriel Hacini-Rachinel, Deborah Moine, Anne Bruttin, Catherine Ngom-Bru, Chantal Labellie, Ioannis Nicolis, Bernard Berger, Annick Mercenier, Marie-José Butel, Anne-Judith Waligora-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](https://doi.org/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, Carliotti 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 <sup>13</sup>C NMR metabolic study  
Patrícia 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](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 G.  
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

---

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](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>

---