

Analytic methods / Biochemistry / Models

Biopersistence and translocation to extrapulmonary organs of titanium dioxide nanoparticles after subacute inhalation exposure to aerosol in adult and elderly rats
Laurent Gatéa, Clémence Disdier, Frédéric Cosniera, François Gagnaire, Jérôme Devoya, Wadad Sabac, Emilie Brund, Monique Chalansonnet, Aloïse Mabondzob
Science Direct, Volume 265, 4 January 2017, Pages 61–69, 2016 11 16
WEB >> <http://www.sciencedirect.com/science/article/pii/S0378427416333033>

Design and Characterization of an Inhalation System to Expose Rodents to Nanoaerosols
Frédéric Cosnier, Sébastien Bau, Stéphane Grossmann, Hervé Nunge, Céline Brochard, Stéphane Viton, Raphaël Payet, Olivier Witschger, Laurent Gaté
Aerosol and Air Quality Research, , 2016 04 22; DOI : 10.4209/aaqr.2016.01.0034
WEB >> http://aaqr.org/ArticlesInPress/AAQR-16-01-OA-0034_proof.pdf

Dietary supplementation of omega-3 fatty acids rescues fragile X phenotypes in Fmr1-Ko mice.
Pietro Paolo, Goubran, Joffre, Aubert, Lemaire-Mayo, Crusio, Layé.
Psychoneuroendocrinology, 49:119-29, 2014 11; DOI : 10.1016/j.psyneuen.2014.07.002
WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/25080404>

NMR Spectroscopy of Native and in Vitro Tissues Implicates PolyADP Ribose in Biomineralization
W. Ying Chow, Rakesh Rajan, Karin H. Muller, David G. Reid, Jeremy N. Skepper,
Wai Ching Wong, Roger A. Brooks, Maggie Green, Dominique Bihan,
Richard W. Farndale, David A. Slatter, Catherine M. Shanahan, Melinda J. Duer*

GlcNAcylation stabilizes β -catenin through direct competition with phosphorylation at threonine 41
Stéphanie Olivier-Van Stichelen, Vanessa Dehennaut, Armelle Buzy, Jean-Luc Zacharyus, Céline Guinez, Anne-Marie Mir, Ikram El Yazidi-Belkoura, Marie-Christine Copin,
Didier Boureme, Denis Loyaux, Pascual Ferrara and Tony Lefebvre
FASEB J., 28(8):3325-38, 2014 04 07; DOI : 10.1096/fj.13-243535

A new method to assess weight-bearing distribution after central nervous system lesions in rats
Vincent Perticia, Caroline Pin-Barreb, Marie-Solenne Felixia, Jérôme Laurina, Jeanick Brisswalter, Patrick Decherchi
ScienceDirect, Volume 259;page 78-84, 2014 02 01
WEB >> <http://www.sciencedirect.com/science/article/pii/S016643281300658X>

Hypothalamic astroglial connexins are required for brain glucose sensing-induced insulin secretion
Camille Allard, Lionel Carneiro, Sylvie Grall, Brandon H Cline, Xavier Fioramonti, Chloé Chrétien, Fawzia Baba-Aïssa, Christian Giaume, Luc Pénicaud and Corinne Leloup
Journal of Cerebral Blood Flow & Metabolism, , 2014 02 01
WEB >> <http://www.nature.com/jcbfm/journal/v34/n2/full/jcbfm2013206a.html>

High-fat diet action on adiposity, inflammation, and insulin sensitivity depends on the control low-fat diet
Bérengrère Benoit a, Pascale Plaisancié, Manar Awadab, Alain Géoën, Monique Estienne, Frédéric Capel, Corinne Malpuech-Brugère, Cyrille Debardd, Sandra Pesenti, Béatrice Morioe, Hubert Vidal, Jennifer Rieusset, Marie-Caroline Michalski

Pharmacological Characterization of Abediterol, a Novel Inhaled β 2-Adrenoceptor Agonist with Long Duration of Action and a Favorable Safety Profile in Preclinical Models
J Pharmacol Exp Ther, JPET August 2012 vol. 342 no. 2 497-509, 2012 05 15; DOI : 10.1124/jpet.112.193284
WEB >>

Characterization of skeletal alterations in a model of prematurely aging mice
Portal-Núñez S, Manassra R, Lozano D, Acitores A, Mulero F, Villanueva-Peñacarrillo ML, De la Fuente M, Esbrit P.
AGE, , 2012 01 10
WEB >> <http://www.springerlink.com/content/974576711x386272/>

Milnacipran is active in models of irritable bowel syndrome and abdominal visceral pain in rodents
Ronan Depoortère, Mathieu Meleine, Laurent Bardin, Monique Aliaga, Emilie Muller, Denis Ardid, Adrian Newman-Tancredi
Eur J Pharmacol., Volume 672, Issues 1-3, Pages 83-87, 2011 12 15
WEB >> <http://www.sciencedirect.com/science/article/pii/S0014299911011654>

The Ratio 1660/1690 cm^{-1} Measured by Infrared Microspectroscopy Is Not Specific of Enzymatic Collagen Cross-Links in Bone Tissue
Farlay D, Duclos M-E, Gineyts E, Bertholon C, Viguier-Carrin S, et al.
PLoS One, 6(12): e28736, 2011 12 14
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0028736>

Protective effect of ellagic acid, a natural polyphenolic compound, in a murine model of Crohn's disease
M.A. Rosillo, M. Sanchez-Hidalgo, A. Cárdeno, C. Alarcón de la Lastra
Biochemical Pharmacology, Volume 82, Issue 7, Pages 737–745, 2011 09 01
WEB >> <http://www.sciencedirect.com/science/article/pii/S0006295211004278>

Generation and characterization of a humanized PPAR δ mouse model.
Gross B, Hennuyer N, Bouchaert E, Rommens C, Grillot D, Mezdoor H, Staels B.
British J. of Pharmacology, 164(1):192-208, 2011 09; DOI : 10.1111/j.1476-5381.2011.01359.x
WEB >> <http://onlinelibrary.wiley.com/doi/10.1111/j.1476-5381.2011.01359.x/full>

Comparison of two murine models of thrombosis induced by atherosclerotic plaque injury.
Hechler B, Gachet C.
Thrombosis and Haemostasis, 105 Suppl 1:S3-12, 2011 05
WEB >> <http://www.schattauer.de/en/magazine/subject-areas/journals-a-z/thrombosis-and-haemostasis/contents/archive/issue/1409/manuscript/16007.html>

Clinical, Biological, and Skin Histopathologic Effects of Ionic Macrocytic and Nonionic Linear Gadolinium Chelates in a Rat Model of Nephrogenic Systemic Fibrosis
Fretellier, Nathalie MS; Idée, Jean-Marc PharmD; Guerret, Sylviane PhD; Hollenbeck, Claire BS; Hartmann, Daniel PharmD; González, Walter PhD; Robic, Caroline PhD; Port, Marc PhD; Corot, Claire PharmD
Investigative Radiology, Volume 46 - Issue 2 - pp 85-93, 2011 02
WEB >> http://journals.lww.com/investigativeradiology/Abstract/2011/02000/Clinical_Biological_and_Skin_Histopathologic.2.aspx

Different strategies for reducing intestinal background radioactivity associated with imaging HSV1-tk expression using established radionucleoside probes

Alessandro Ruggiero, Peter Brader, Inna Serganova, Pat Zanzonico, Shangde Cai, Neil S. Lipman, Hedvig Hricak, Ronald G. Blasberg

Mol Imaging., 9 (1) : 47-58, 2010 02

WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3068838/?tool=pmcentrez>

Effects of amino acids on bile acid-dependent and independent bile flow in the isolated perfused rat liver

Jean-Pascal De Bandt, Elisabeth Lasnier, Colette Rey, Colette Coudray-Lucas, Raoul Poupon, Jacqueline Giboudeau, Luc A Cynober

J. of Hepatology, Volume 30, Issue 5, Pages 843-849, 1999 05

WEB >> <http://www.jhep-elsevier.com/article/S0168-8278%2899%2980138-X/abstract>

Intestinal lymph absorption of butter, corn oil, cod liver oil, menhaden oil, and eicosapentaenoic and docosahexaenoic acid ethyl esters in rats

P. Degrace, C. Caselli, J. M. Rayo and A. Bernard

Lipids, Volume 31, Number 4, 405-414, 1996 04

WEB >> <http://www.springerlink.com/content/w566xv4511n13864/>

Study of amino acid fluxes at steady state in isolated perfused rat liver

Jean-Pascal De Bandt, Elisabeth Lasnier, Raoul Poupon, Jacqueline Giboudeau and Luc Cynober

Nutrition Clinique et Métabolisme, Volume 9, Issue 3, Pages 123-128, 1995

WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6X0Y-4G4NSX2-5K&_user=10&_coverDate=12%2F31%2F1995&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1302408264&_rerunOrigin=google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=aeb56764e8a0362825bb6a566a88c418

Extracellular Dna in Blood and Urine as a Potential Marker for Cytotoxicity and Nephrotoxicity in the Mouse

Lydie Bret Jacqueline Lulé, Jacques P. Pourrat and Gilbert J. Fournié

Renal Failure, Vol. 12, No. 3, Pages 133-139, 1990

WEB >> <http://informahealthcare.com/doi/abs/10.3109/08860229009065555>

Comparison of Tissue Disposition of Pentamidine Mesylate in the Rat after Aerosol or Parenteral Administration

Farinotti R, Pascaud MB, Girard PM, Guillot E, Certain A, Trouvin JH.

J. of Infectious Diseases, Vol. 160, No. 3, pp. 507-512, 1989 09

WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/2760501>

Comparative induction of drug-metabolizing enzymes by hypolipidaemic compounds

Anne-Francoise Boiteux-Antoine, Jacques Magdalou, Sylvie Fournel-Gigleux, and Gérard Siest

General Pharmacology: The Vascular System, Volume 20, Issue 4, Pages 407-412, 1989

WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T71-475PCSJ-

Promoting effect of portocaval anastomosis in rat hepatocarcinogenesis

V. Prétat, J. Cl. Pector, H. Taper, M. Lans, J. de Gerlache and M. Roberfroid

Carcinogenesis, Volume 5, (9) 1151-1154, 1984 09

WEB >> <http://carcin.oxfordjournals.org/cgi/content/abstract/5/9/1151>
