

## Analytic methods\_Biochemistry\_Models

The distribution of neuromuscular junctions depends on muscle pennation, when botulinum neurotoxin receptors and SNAREs expression are uniform in the rat  
Denis Carré ; Vincent Martin ; Youssa Kouidri ; Renaud Morin ; Marine Norlund ; Aurélie Gomes ; Jean-Michel Lagarde ; Stéphane Lezmi  
Science Direct, Volume 212, June 2022, Pages 34-41, 2022 04 09; DOI : <https://doi.org/10.1016/j.toxicon.2022.04.003>  
WEB >> <https://www.sciencedirect.com/science/article/pii/S0041010122000976#>

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Anti-Inflammatory Effect of Beta-Caryophyllene Mediated by the Involvement of TRPV1, BDNF and trkB in the Rat Cerebral Cortex after Hypoperfusion/Reperfusion  
Maria Pina Serra , Marianna Boi , Antonella Carta, Elisabetta Murrù , Gianfranca Carta , Sebastiano Banni and Marina Quartu  
International Journal of Molecular Sciences, Int. J. Mol. Sci. 2022, 23, 3633, 2022 03 26; DOI : <https://doi.org/10.3390/ijms23073633>  
WEB >> [https://mdpi-res.com/d\\_attachment/ijms/ijms-23-03633/article\\_deploy/ijms-23-03633-v2.pdf?version=1648540521](https://mdpi-res.com/d_attachment/ijms/ijms-23-03633/article_deploy/ijms-23-03633-v2.pdf?version=1648540521)

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Defective liver glycogen autophagy related to hyperinsulinemia in intrauterine growth-restricted newborn wistar rats  
Juan de Toro-Martín, Tamara Fernández-Marcelo, Águeda González-Rodríguez, Fernando Escrivá, Ángela M. Valverde, Carmen Álvarez & Elisa Fernández-Millán  
Scientific Reports, 10, Article number: 17651 (2020), 2020 10 19; DOI : <https://doi.org/10.1038/s41598-020-74702-9>  
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Hepatic stellate cell hypertrophy is associated with metabolic liver fibrosis

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Polycyclic aromatic hydrocarbons can trigger hepatocyte release of extracellular vesicles by various mechanisms of action depending on their affinity for the aryl hydrocarbon receptor  
Nettie van Meteren, Dominique Lagadic-Gossmann, Martine Chevanne, Isabelle Gallais, Dimitri Gobart, Agnès Burel, Simon Bucher, Nathalie Grova, Bernard Fromenty, Brice M R Appenzeller, Soizic Chevanne, Fabienne Gauffre, Eric Le Ferrec, Odile Sergent  
Toxicological Sciences, , 2019 31 07; DOI : <https://doi.org/10.1093/toxsci/kfz157>  
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An Operant Conditioning Task to Assess the Choice between Wheel Running and Palatable Food in Mice  
Bastien Redon ; Imane Hurell ; Giovanni Marsicano ; Francis Chaouloff  
BIO-PROTOCOL, , 2019 10 05; DOI : <https://doi.org/10.21769/BioProtoc.3381>  
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A novel technique to develop thoracic spinal laminectomy and a methodology to assess the functionality and welfare of the contusion spinal cord injury (SCI) rat model  
Harikrishnan V. S., Lissy K. Krishnan, Klas S. P. Abelson  
PLOS ONE, , 2019 07 02; DOI : <https://doi.org/10.1371/journal.pone.0219001>  
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Variances of dietary preparation for suppression of physiological 18F-FDG myocardial uptake in the presence of cardiac sarcoidosis: A systematic review  
Vanessa Atterton-EvansEmail authorJames TurnerAngela VivantiTayla Robertson  
Journal of Nuclear Cardiology, pp 1–9, 2018 08 07; DOI : <https://doi.org/10.1007/s12350-018-1379-4>  
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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, , Aloise Mabondzob  
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Central CCL2 signaling onto MCH neurons mediates metabolic and behavioral adaptation to inflammation

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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  
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Dietary supplementation of omega-3 fatty acids rescues fragile X phenotypes in Fmr1-Ko mice.

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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\*  
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GlcNAcylation stabilizes  $\beta$ -catenin through direct competition with phosphorylation at threonine 41  
Stéphanie Olivier-Van Stichelen, Vanessa Dehennaut, Armelle Buzy, Jean-Luc Zachayus, Céline Guinez, Anne-Marie Mir, Ikram El Yazidi-Belkoura, Marie-Christine Copin, Didier Boureme, Denis Loyaux, Pascual Ferrara and Tony Lefebvre  
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A new method to assess weight-bearing distribution after central nervous system lesions in rats

Vincent Perticia, Caroline Pin-Barreb, Marie-Solenne Felixa, Jérôme Laurina, Jeanick Brisswalter, Patrick Decherchi  
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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-Aissa, Christian Giaume, Luc Pénicaud and Corinne Leloup  
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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  
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Pharmacological Characterization of Abediterol, a Novel Inhaled  $\beta$ 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  
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Characterization of skeletal alterations in a model of prematurely aging mice

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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  
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Comparison of two murine models of thrombosis induced by atherosclerotic plaque injury.

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Clinical, Biological, and Skin Histopathologic Effects of Ionic Macrocyclic 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  
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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  
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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  
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Intestinal lymph absorption of butter, corn oil, cod liver oil, menhaden oil, and eicosapentaenoic and docosahexaenoic acid ethyl esters in rats

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

Jean-Pascal De Bandt, Colette Rey, Elisabeth Lasnier, Raoul Poupon, Jacqueline Giboudeau and Luc Cynober  
Nutrition Clinique et Métabolisme, Volume 9, Issue 3, Pages 123-128, 1995  
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Extracellular DnaIn Blood and Urine as a Potential Marker for Cytotoxicity and Nephrotoxicity in the Mouse

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

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## Analytic methods\_Biochemistry\_Models

Comparative induction of drug-metabolizing enzymes by hypolipidaemic compounds

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

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[1X7&\\_user=10&\\_coverDate=12%2F31%2F1989&\\_rdoc=1&\\_fmt=high&\\_orig=search&\\_sort=d&\\_docanchor=&view=c&\\_searchStrId=1265287839&\\_rerunOrigin=scholar.google&\\_acct=C000050221&\\_version=1&\\_urlVersion=0&\\_userid=10&md5=714faa27a51d372ff9abd824cbdcdbcd](http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T71-475PCSJ-1X7&_user=10&_coverDate=12%2F31%2F1989&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1265287839&_rerunOrigin=scholar.google&_acct=C000050221&_version=1&_urlVersion=0&_userid=10&md5=714faa27a51d372ff9abd824cbdcdbcd)

Promoting effect of portocaval anastomosis in rat hepatocarcinogenesis

V. Pr at, J. Cl. Pector, H. Taper, M. Lans, J. de Gerlache and M. Roberffroid

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