

A regulatable AAV vector mediating GDNF biological effects at clinically-approved sub-antimicrobial doxycycline doses

Molecular Therapy — Methods & Clinical Development , Article number: 16027 (2016), 2016 03 30; DOI : 10.1038/mtrm.2016.27
WEB >> <http://www.nature.com/articles/mtrm201627#affiliations>

Genotoxicity of synthetic amorphous silica nanoparticles in rats following short-term exposure, part 2: Intratracheal instillation and intravenous injection
Yves Guichard, Marie-Aline Maire, Sylvie Sébillaud, Caroline Fontana, Cristina Langlais, Jean-Claude Micilino, Christian Darne, Joanna Roszak, Maciej Stępnik, Valérie Fessard, Stéphane Binet and Laurent Gaté
Wiley Online Library, Volume 56, Issue 2, pages 228–244, March 2015, 2014 11 28; DOI : 10.1002/em.21928

Dietary triglycerides act on mesolimbic structures to regulate the rewarding and motivational aspects of feeding
C Cansell, J Castel, R G P Denis, C Rouch, A-S Delbes, S Martinez, D Mestivier, B Finan, J G Maldonado-Aviles, M Rijnsburger, M H Tschöp, R J DiLeone, R H Eckel, S E la Fleur, C Magnan, T S Hnasko and S Luquet
Nature.com, , 2014 10

Intestinal Scavenger Receptors Are Involved in Vitamin K1 Absorption*
Aurélié Gonçalves, Marielle Margier, Stéphanie Roi, Xavier Collet, Isabelle Niot, Pascale Goupy, Catherine Caris-Veyrat and Emmanuelle Rebut
The Journal of Biological Chemistry, 30743-30752. , 2014 09 15; DOI : 10.1074/jbc.M114.587659
WEB >>

CRF1 receptor-deficiency induces anxiety-like vulnerability to cocaine
Nadège Morisot, Mark J. Millan, Angelo Contarino
Psychopharmacology, , 2014 03 03
WEB >> <http://link.springer.com/article/10.1007/s00213-014-3534-1>

A Strong Anti-Inflammatory Signature Revealed by Liver Transcription Profiling of Tmprss6^{-/-} Mice
Michela Riba; Marco Rausa; Melissa Sorosina; Davide Cittaro ; Jose Manuel Garcia Manteiga, Antonella Nai ; Alessia Pagani, Filippo Martinelli-Boneschi, Elia Stupka, Clara Camaschella, Laura Silvestri
PLoS One, , 2013 07 29; DOI : 10.1371/journal.pone.0069694
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0069694>

Characterization of the components of urban particulate matter mediating impairment of nitric oxide-dependent relaxation in intrapulmonary arteries
Arnaud Courtois, Caroline Prouillac, Isabelle Baudrimont, Céline Ohayon-Courtes, Véronique Freund-Michel, Mathilde Dubois, Mariette Lisbonne-Autissier, Roger Marthan, Jean-Pierre Savineau, Bernard Muller
Journal of Applied Toxicology, , 2013 07 23; DOI : 10.1002/jat.2909

Controlled ingestion of kaolinite (5%) modulates enteric nitrergic innervation in rats
Florian Voinot, Caroline Fischer, Camille Schmidt, Laurence Ehret-Sabatier, Fabielle Angel
Fundamental and Clinical Pharmacology , , 2013 06 25; DOI : 10.1111/fcp.12040
WEB >> <http://onlinelibrary.wiley.com/doi/10.1111/fcp.12040/abstract>

Optimization of trans-Resveratrol bioavailability for human therapy
Marie Josephe Amiot, Beatrice Romier, Thi-Mai Anh Dao, Raphaëlle Fanciullino, Joseph Ciccolini, Remy Burcelin, Laurent Pechere, Claude Emond, Jean-François Savouret, Eric Sereé
Biochimie, Volume 95, Issue 6, Pages 1233-1238, 2013 06; DOI : 10.1016/j.biochi.2013.01.008

Sex-Dependent Psychoneuroendocrine Effects of THC and MDMA in an Animal Model of Adolescent Drug Consumption
Alvaro Llorente-Berzal, Emma Puighermanal, Aurelijus Burokas, Andrés Ozaita, Rafael Maldonado, Eva M. Marco, Maria-Paz Viveros
PLoS One, , 2013 04 11
WEB >> <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0078386>

Pharmacological characterization of abediterol, a novel inhaled $\beta(2)$ -adrenoceptor agonist with long duration of action and a favorable safety profile in preclinical models.
Aparici M, Gómez-Angelats M, Vilella D, Otal R, Carcasona C, Viñals M, Ramos I, Gavaidà A, De Alba J, Gras J, Cortijo J, Morcillo E, Puig C, Ryder H, Beleta J, Miralpeix M.
J Pharmacol Exp Ther, 342(2):497-509, 2012 08; DOI : 10.1124/jpet.112.193284
WEB >> <http://jpet.aspetjournals.org/content/342/2/497.short>

The nuclear receptor REV-ERB α is required for the daily balance of carbohydrate and lipid metabolism.
Delezie J, Dumont S, Dardente H, Oudart H, Gréchez-Cassiau A, Klosen P, Teboul M, Delaunay F, Pévet P, Challet E.
FASEB J., 26(8):3321-35, 2012 08; DOI : 10.1096/fj.12-208751
WEB >> <http://www.fasebj.org/content/26/8/3321.short>

Prenatal fasudil exposure alleviates fetal growth but programs hyperphagia and overweight in the adult male rat
Laura Butruillea, Sylvain Mayeura, Thibaut Duparc, Claude Knauf, Emmanuelle Moitrota, Isabelle Fajardya, Philippe Valetb, Laurent Stormea, Philippe Deruellea, Jean Lesage
Endocrine pharmacology, Volume 689, Issues 1–3, Pages 278–284, 2012 08; DOI : 10.1016/j.ejphar.2012.05.040

Rosiglitazone and Metformin Have Opposite Effects on Intestinal Absorption of Oligopeptides via the Proton-Dependent PepT1 Transporter
Patrick Hindlet, Claire Barraud, Laura Boschat, Robert Farinotti, André Bado and Marion Buysé
Molecular Pharmacology , vol. 81 no. 3 319-327 , 2012 03; DOI : 10.1124/mol.111.073874
WEB >> <http://molpharm.aspetjournals.org/content/81/3/319.short>

Strontium ranelate rebalances bone marrow adipogenesis and osteoblastogenesis in senescent osteopenic mice through NFATc/Maf and Wnt signaling
Zuzana Saidak, Eric Haÿ, Caroline Marty, Alain Barbara, Pierre J. Marie
Aging cell, , 2012 02 09
WEB >> <http://onlinelibrary.wiley.com/doi/10.1111/j.1474-9726.2012.00804.x/abstract>

Vascular contribution of adrenomedullin to microcirculatory improvement in experimental colitis
Elena Talero, María Alvarez de Sotomayor, Susana Sánchez-Fidalgo, Virginia Motilva
Eur J Pharmacol., Volume 670, Issues 2–3, 30 Pages 601–607, 2011 11 30
WEB >> <http://www.sciencedirect.com/science/article/pii/S0014299911009964>

Liver impairment after portacaval shunt in the rat: The loss of protective role of mast cells?

Maria-Angeles Aller, Vicente Martínez, Maria-Teresa Corcuera, Javier Benito, Estefanía Traver, Fernando Gómez-Aguado, Patri Vergara, Aime Arias

Acta Histochemica, 2011 09 19

WEB >> <http://www.sciencedirect.com/science/article/pii/S0065128111001139>

Perinatal undernutrition affects the methylation and expression of the leptin gene in adults: implication for the understanding of metabolic syndrome

Jousse C, Parry L, Lambert-Langlais S, Maurin AC, Averous J, Bruhat A, Carraro V, Tost J, Letteron P, Chen P, Jockers R, Launay JM, Mallet J, Fafournoux P.

FASEB J., 25(9):3271-8, 2011 09

WEB >> <http://www.fasebj.org/content/25/9/3271.short>

The Antithrombotic Activity of EP224283, a Neutralizable Dual Factor Xa Inhibitor/Glycoprotein IIb/IIIa Antagonist, Exceeds That of the Coadministered Parent Compounds

Béatrice Hechler, Monique Freund, Ghina Alame, Cécile Leguay, Sébastien Gaertner, Jean-Pierre Cazenave, Maurice Petitou and Christian Gachet

J. of Pharmacol Exp Ther., 338(2):412-20, 2011 08

WEB >> <http://jpet.aspetjournals.org/content/338/2/412.short>

Methionine and homocysteine modulate the rate of ROS generation of isolated mitochondria in vitro

Jose Gomez, Ines Sanchez-Roman, Alexia Gomez, Carlota Sanchez, Henar Suarez, Monica Lopez-Torres and Gustavo Barja

J. of Bioenergetics and Biomembranes, Volume 43, Number 4, 377-386, 2011 07 12

WEB >> <http://www.springerlink.com/content/p4j7l601mq67688/>

Escherichia coli translocation in experimental short bowel syndrome: probiotic supplementation and detection by polymerase chain reaction

Inaki Eizaguirre, Pablo Aldazabal, Nerea Garcia Urkia, Anabel Asensio and Jose María García Arenzaxa

Pediatric Surgery International, Volume 27, Number 12, 2011 07 12

WEB >> <http://www.springerlink.com/content/232111271q4m175r/>

Sulfur-containing antioxidants increase in vitro several functions of lymphocytes from mice

Mónica De la Fuente, Angel Hernanz, Salvador Viniestra, Jaime Miquel

International Immunopharmacology, Volume 11, Issue 6, Pages 661-669, 2011 06

WEB >> <http://www.sciencedirect.com/science/article/pii/S1567576911000282>

PARP-1 Inhibition Increases Mitochondrial Metabolism through SIRT1 Activation

Bai P, Cantó C, Oudart H, Brunyánszki A, Cen Y, Thomas C, Yamamoto H, Huber A, Kiss B, Houtkooper RH, Schoonjans K, Schreiber V, Sauve AA, Menissier-de Murcia J, Auwerx J.

Cell metabolism, 13(4):461-8, 2011 04 06

Age and sex-related changes in rat brain mitochondrial function.

Guevara R, Gianotti M, Roca P, Oliver J.

Cell Physiol Biochem, 27(3-4):201-6, 2011 04 01

WEB >> <http://www.ncbi.nlm.nih.gov/pubmed/21471708>

NADPH oxidase activity is associated with cardiac osteopontin and pro-collagen type I expression in uremia

Aurélien Goux, Christine Feillet-Coudray, Bernard Jover, Gilles Fouret, Anne-Sophie Bargnoux, Cécile Cassan, Sylvain Richard, Stéphanie Badiou & Jean-Paul Cristol

Free Radical Research, Vol. 45, No. 4, Pages 454-460, 2011 04

WEB >> <http://informahealthcare.com/doi/abs/10.3109/10715762.2010.541455>

Age-related changes in xanthine oxidase activity and lipid peroxidation, as well as in the correlation between both parameters, in plasma and several organs from female mice

Carmen Vida, Isabel Corpas, Mónica De la Fuente and Eva M. González

J Nutr Biochem., Volume 67, Number 4, 551-558, 2011 03 27

WEB >> <http://www.springerlink.com/content/u7h7315g67q13050/>

A well-oxygenated cells environment may help to fight against protein glycation.

Mercier B, Prost J, Prost M.

International J. Occup Med Environ Health, 24(1):102-7, 2011 03

WEB >> <http://www.springerlink.com/content/b517r516818t3435/>

Atlas of gene expression in the mouse kidney: new features of glomerular parietal cells

Cheval L, Pierrat F, Dossat C, Genete M, Imbert-Teboul M, Duong Van Huyen JP, Poulain J, Wincker P, Weissenbach J, Piquemal D, Doucet A.

Physiological Genomics, 43(3):161-73, 2011 02 11

WEB >> <http://physiolgenomics.physiology.org/content/43/3/161.short#aff-4>

Gonadal steroids regulate aromatase P450 expression in the rat pituitary

José Carretero, Enrique Blanco, Manuel Rubio, José M. Riesco, María J. García-Barrado, María C. Iglesias-Osma, Marta Carretero-Hernández, Julio J. Herrero, Deborah J. Burks

European J. of Anatomy, 15 (2): 98-106, 2011

WEB >> <http://www.eurjanat.com/web/paper.php?id=110031jc>

Differences in the Response of UCP1 mRNA to Hormonal Stimulation Between Rat and Mouse Primary Cultures of Brown Adipocytes

Hernandez A, de Mena RM, Martin E, Obregon MJ.

Cell Physiol Biochem, 28(5):969-80, 2011

WEB >> <http://content.karger.com/ProdukteDB/produkte.asp?Doi=335810>

Acute Administration of Grape Seed Proanthocyanidin Extract Modulates Energetic Metabolism in Skeletal Muscle and BAT Mitochondria

D. Pajuelo, S. Díaz, H. Quesada, A. Fernández-Iglesias, M. Mulero, A. Arola-Arnal, M. J. Salvadó, C. Bladé, and L. Arol

J. of agricultural and food chemistry, 59 (8), pp 4279-4287, 2011

WEB >> <http://pubs.acs.org/doi/abs/10.1021/jf200322x>

Thyroid Hormone Receptor β (TR β) and Liver X Receptor (LXR) Regulate Carbohydrate-response Element-binding Protein (ChREBP) Expression in a Tissue-selective Manner

Karine Gauthier, Cyrielle Billon, Marie Bissler, Michel Beylot, Jean-Marc Lobaccaro, Jean-Marc Vanacker, Jacques Samarut

J. of Biological Chemistry, 285(36): 28156-28163, 2010 09 03

WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2934680/?tool=pmcentrez>

Hypothalamic Reactive Oxygen Species Are Required for Insulin-Induced Food Intake Inhibition

Tristan Jaillard, Michael Roger, Anne Galinier, Pascale Guillou, Alexandre Benani, Corinne Leloup, Louis Casteilla, Luc Pénicaud, and Anne Lorsignol
Diabetes, 58(7): 1544–1549, 2009 07; DOI : 10.2337/db08-1039

WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2699877/?tool=pmcentrez>

F15063, a potential antipsychotic with dopamine D2/D3 receptor antagonist, 5-HT1A receptor agonist and dopamine D4 receptor partial agonist properties: Influence on neuronal firing and neurotransmitter release

Assié MB, Mnie-Filali O, Ravailhe V, Benas C, Marien M, Bétry C, Zimmer L, Haddjeri N, Newman-Tancredi A.

Eur J Pharmacol., 607(1-3):74-83, 2009 04 01; DOI : 10.1016/j.ejphar.2009.02.001

The ontogeny of drug metabolizing enzymes and transporters in the rat

de Zwart L, Scholten M, Monbaliu JG, Annaert PP, Van Houdt JM, Van den Wyngaert I, De Schaepprijver LM, Bailey GP, Coogan TP, Coussement WC, Mannens GS.

Reprod Toxicol, 26(3-4):220-30, 2008 11; DOI : 10.1016/j.reprotox.2008.09.010

WEB >> <http://www.sciencedirect.com/science/article/pii/S0890623808002396>

The antipsychotics clozapine and olanzapine increase plasma glucose and corticosterone levels in rats: Comparison with aripiprazole, ziprasidone, bifeprunox and F15063

Assié MB, Carilla-Durand E, Bardin L, Maraval M, Aliaga M, Malfètes N, Barbara M, Newman-Tancredi A.

Eur J Pharmacol., 592(1-3):160-6, 2008 09 11; DOI : 10.1016/j.ejphar.2008.06.105

WEB >> <http://www.sciencedirect.com/science/article/pii/S0014299908007188>

Sex-related effects of hypothyroidism on cellular proliferation in the hypophyseal mammoth population of the rat

Carretero M., Torres J.L., Herrero J.J., Basco M., Gonzalez R., Gutierrez S., Perez E., Rubio L., Blanco E., Rubio M., Carretero J.

European J. of Anatomy, 12 (3): 145-151, 2008

WEB >> <http://www.eurjanat.com/web/paper.php?id=08030145>

Apoptosis is involved in the anti-proliferative effect of corticosteroid in non-tumoral ACTH pituitary cells

Montero M.C., Vazquez R., Rubio M., Blanco E., Riesco J.M., Herrero J.J., Vazquez G., Riesco-Lopez J.M., Gonzalez R., Carretero M., Basco M., Carretero J.

European J. of Anatomy, 10 (3): 143-149, 2006

WEB >> <http://www.eurjanat.com/web/paper.php?id=06030143>

Pretreatment of starved rats with ornithine α -ketoglutarate: effects on hepatic mRNA levels and plasma concentrations of three liver-secreted proteins

Frédéric Segaud, Bernard Lardeux, Marie-Cécile Alexandre-Gouabau, Fanny Bleiberg-Daniel, Samir Nakib Pharm, Luc Cynober and Christophe Moinard

Nutrition, Volume 21, Issue 6, Pages 732-739, 2005 06

WEB >> <http://www.nutritionjnl.com/article/S0899-9007%2805%2900097-3/abstract>

Sex-related differences in pituitary GH-expressing cells induced by hypothyroidism following treatment with methimazole

Carretero J., Rubio E., Burks D.J., Blanco E., Sierra E., Herrero J.J., Torres J.L.

European J. of Anatomy, 8 (1): 11-15, 2004

WEB >> <http://www.eurjanat.com/web/paper.php?id=04010011>

Chronic V2 Vasopressin Receptor Stimulation Increases Basal Blood Pressure and Exacerbates Deoxycorticosterone Acetate-Salt Hypertension

Sandrine Fernandes, Patrick Bruneval, Albert Hagege, Didier Heudes, Said Ghostine and Nadine Bouby

Endocrinology, Vol. 143, No. 7 2759-2766, 2002 07

WEB >> <http://endo.endojournals.org/cgi/content/full/143/7/2759>

Differential effects of endurance training and creatine depletion on regional mitochondrial adaptations in rat skeletal muscle.

D Roussel, F Lhenry, L Ecochard, B Sempore, J L Rouanet, and R Favier

Biochemical J., 350(Pt 2): 547–553, 2000 09 01

WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1221283/>

Reversibility of experimental acute renal failure in rats: Assessment with USPIO-enhanced MR imaging

Jean Pierre Laissy, Jean Marc Idée, Ara Loshkajian, Soraya Benderbous, Sylvie Chillon, Héliène Beaufilet, Elisabeth Schouman-Claeys

J. of Magnetic Resonance Imaging, Volume 12 Issue 2, Pages 278 - 288, 2000 04 10

WEB >> <http://www3.interscience.wiley.com/journal/72514132/abstract>

Hindlimb immobilization applied to 21-day-old mdx mice prevents the occurrence of muscle degeneration

Asghar Mokhtarian, Jean Pascal Lefaucheur, Patrick C. Even, and Alain Sebille

J. of applied Physiology, Vol. 86, Issue 3, 924-931, 1999 03

WEB >> <http://jap.physiology.org/cgi/content/full/86/3/924>

Effects of L-Type Calcium Channel Activation on Renal Vascular Resistances in the Lyon Hypertensive Rat

Le Roy, Anne Laure; Messer-Létienne, Isabelle; Bernard, Nicole; Benzoni, Daniel

J. of Cardiovascular Pharmacology, Volume 33 - Issue 1 - pp 65-69, 1999 01

WEB >> http://journals.lww.com/cardiovascularpharm/Fulltext/1999/01000/Effects_of_L_Type_Calcium_Channel_Activation_on.10.aspx#

Urinary and Biliary Metabolic Patterns of Chlorothalonil in Germ-Free and Conventional Rats

Anne Hillenweck, Denis E. Corpet, James C. Killeen, Myron Bliss and Jean-Pierre Cravedi

J. of agricultural and food chemistry, 47 (7), pp 2898–2903, 1999

WEB >> <http://pubs.acs.org/doi/abs/10.1021/jf9811469>

Alpha-1 Adrenergic Stimulation of Glucose Uptake in Rat White Adipocytes

G. Faintrenie and A. Géloën

J. of Pharmacology, vol. 286 no. 2 607-610, 1998 08 01

WEB >> <http://jpet.aspetjournals.org/content/286/2/607.full>

Thermic transition and glycolytic capacity as critical events in the survival of rat liver slices after overnight cold hypoxic preservation

Hervé Morales, Henryk Taper, Pedro Buc Calderon

J. of Applied Toxicology, Volume 18 Issue 2, Pages 103 - 109, 1997 10 10

WEB >> <http://www3.interscience.wiley.com/journal/2475/abstract?CRETRY=1&SRETRY=0>

Vascular effects of [Arg8]vasopressin in the isolated perfused rat kidney

Mariette Barthelmebs, Jean-Paul Krieger, Michèle Grima, Dino Nisato and Jean-Louis Imbs

Eur J Pharmacol., Volume 314, Issue 3, Pages 325-332, 1996 10 31

WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T1J-3W2XH94-

EUK-8 a synthetic catalytic scavenger of reactive oxygen species protects isolated iron-overloaded rat heart from functional and structural damage induced by ischemia/reperfusion

S. Pucheu, F. Boucher, T. Sulpice, N. Tresallet, Y. Bonhomme, B. Malfroy and J. de Leiris

Cardiovascular Drugs and Therapy, Volume 10, Number 3, 331-339, 1996 07

Desferal prevents against cell lysis induced by hydrogen peroxide to hypoxic hepatocytes : a role for free iron in hypoxia-mediated cellular injury

LEFEBVRE V. ; BUC-CALDERON P.

Chemico-biological interactions, vol. 94, no1, pp. 37-48 (41 ref.), 1995

WEB >> <http://cat.inist.fr/?aModele=afficheN&cpsid=3381899>

Response of genetically obese Zucker rats to ciprofibrate, a hypolipidemic agent, with peroxisome proliferation activity as compared to Zucker lean and Sprague-Dawley rats

Biology of the Cell, Volume 77, Pages 27-35, 1993

WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6VRK-4GT1M5M-7&_user=10&_coverDate=12%2F31%2F1993&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1292990128&_rerunOrigin=scholar.google&_a

Haemodynamic effects of a new dihydropyridine calcium entry blocker, S-12968(-), in a rat model of cardiovascular calcium overload.

T. Makki, I. Lartaud, L. Bray-des Bosc, C. Capdeville-Atkinson, J. M. Chillon, M. Hoffman, J. P. Nicolas, and J. Atkinson

British J. of Pharmacology, 106(1): 79-84, 1992 05

WEB >> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1907437/>

Distribution of epidermal growth factor in the kidneys of rats exposed to amikacin

GERARD TOUBEAU, DENIS NONCLERCQ, JACQUELINE ZANEN, PATRICK LAMBRICHT, PAUL M. TULKENS, JEANINE-ANNE HEUSON-STIENNON, and Gu LAURENT

Kidney International, Vol. 40, pp. 691-699, 1991

WEB >> <http://www.nature.com/ki/journal/v40/n4/abs/ki1991262a.html>

Lipid diet and enterocyte microsomal membrane fluidity in rats

M. Chautan, M. Dell'Amico, M. Bourdeaux, J. Leonardi, M. Charbonnier, and H. Lafont

Chemistry and Physics of Lipids, Volume 54, Issue 1, Pages 25-32, 1990 04

WEB >> http://www.sciencedirect.com/science?_ob=ArticleURL&_udi=B6T2N-47P9CTS-12&_user=10&_coverDate=04%2F30%2F1990&_rdoc=1&_fmt=high&_orig=search&_sort=d&_docanchor=&view=c&_searchStrId=1265266772&_rerunOrigin=scholar.google&_a

Marked elevation of HDL-cholesterol in cold-adapted golden hamsters

R. Sicart, R. Sablé-Amplis and E. Bluthé

Cellular and Molecular Life Sciences, Volume 42, Number 2, 153-155, 1986 02

WEB >> <http://www.springerlink.com/content/u0754k84513m2n57/>
