

Bibliography



Micro | SMP-300

Emilia M. Lefevre, Marc T. Pisansky, Carlee Toddes, Federico Baruffaldi, Marco Pravetoni, Lin Tian, Thomas J. Y. Kono & Patrick E. Rothwell

Interruption of continuous opioid exposure exacerbates drug-evoked adaptations in the mesolimbic dopamine system

Neuropsychopharmacology (2020) | Published: 20 February 2020

<https://doi.org/10.1038/s41386-020-0643-x>

Masatoshi Ogawa, Yu Zhou, Ryosuke Tsuji, Jiro Kasahara and Satoshi Goto

Intrastratal Memantine Infusion Dampens Levodopa-Induced Dyskinesia and Motor Deficits in a Mouse Model of Hemiparkinsonism [Open Access]

BRIEF RESEARCH REPORT ARTICLE

Front. Neurol., 05 December 2019 | doi:10.3389/fneur.2019.01258

<https://www.frontiersin.org/articles/10.3389/fneur.2019.01258/full>

Keywords: intracerebral brain infusion, levodopa-induced dyskinesia, memantine, N-methyl-D-aspartate receptor, Parkinson's disease

Yukitomo Arao, Katherine J. Hamilton, San-Pin Wu, Ming-Jer Tsai, Francesco J. DeMayo, and Kenneth S. Korach

Dysregulation of hypothalamic-pituitary estrogen receptor α -mediated signaling causes episodic LH secretion and cystic ovary

THE FASEB JOURNAL:13 Mar 2019 <https://doi.org/10.1096/fj.201802653RR>

Maxim Shevtsov, Stefan Stangl, Boris Nikolaev, Ludmila Yakovleva, Yaroslav Marchenko, Ruslana Tagaeva, Wolfgang Sievert, Emil Pitkin, Anton Mazur, Peter Tolstoy, Oleg Galibin, Vyacheslav Ryzhov, Katja Steiger, Oleg Smirnov, William Khachatrian, Kerry Chester, and Gabriele Multhoff

Granzyme B Functionalized Nanoparticles Targeting Membrane Hsp70-Positive Tumors for Multimodal Cancer Theranostics

Small 2019, 1900205, DOI: 10.1002/smll.201900205

<https://onlinelibrary.wiley.com/doi/abs/10.1002/smll.201900205>

Martin F. Arlt Sountharia Rajendran Sandra N. Holmes Kathleen Wang Ingrid L. Bergin Samreen Ahmed Thomas E. Wilson Thomas W. Glover

Effects of hydroxyurea on CNV induction in the mouse germline

Environmental and Molecular Mutagenesis, 15 September 2018 <https://doi.org/10.1002/em.22233>

J. Teixeira, N. Pires, B. Igreja, A. Loureiro, T. Vasconcelos, R. Lima, P. Soares-da-Silva

Evaluation And Comparison Of Drug Disposition Using Irecio® Pumps In A Single And Prolonged Infusion (P549)

2018 Control Release Society Annual Meeting & Exposition, New York, July 22-24 2018

<https://www.abstractsonline.com/pp8/#!/5717/presentation/13652>

Khalil B. Ramadi, Canan Dagdeviren, Kevin C. Spencer, Pauline Joe, Max Cotler, Erin Rousseau, Carlos Nunez-Lopez, Ann M. Graybiel, Robert Langer, and Michael J. Cima

Focal, remote-controlled, chronic chemical modulation of brain microstructures

PNAS July 10, 2018 115 (28) 7254-7259; published ahead of print June 25, 2018

<https://doi.org/10.1073/pnas.1804372115>

Stefania Trazzi Marianna De Franceschi Claudia Fuchs Stefano Bastianini Rocchina Viggiano Leonardo Lupori Raffaele Mazziotti Giorgio Medici Viviana Lo Martire Elisa Ren Roberto Rimondini Giovanna Zoccoli Renata Bartesaghi Tommaso Pizzorusso Elisabetta Cian

CDKL5 PROTEIN SUBSTITUTION THERAPY RESCUES NEUROLOGICAL PHENOTYPES OF A MOUSE MODEL OF CDKL5 DISORDER

Human Molecular Genetics, ddy064, 20 February 2018

<https://doi.org/10.1093/hmg/ddy064>

Canan Dagdeviren, Khalil B. Ramadi, Pauline Joe, Kevin Spencer, Helen N. Schwerdt, Hideki Shimazu, Sebastien Delcasso, Ken-ichi Amemori, Carlos Nunez-Lopez, Ann M. Graybiel, Michael J. Cima, Robert Langer

Miniaturized neural system for chronic, local intracerebral drug delivery

Science Translational Medicine 24 Jan 2018: Vol. 10, Issue 425, eaan2742

DOI: 10.1126/scitranslmed.aan2742

<http://stm.sciencemag.org/content/10/425/eaan2742>

Andreas Körner, Martin Schlegel, Julia Theurer, Hannes Frohnmeier, Michael Adolph, Marieke Heijink, Martin Giera, Peter Rosenberger & Valbona Mirakaj

Resolution of inflammation and sepsis survival are improved by dietary Ω-3 fatty acids

Cell Death and Differentiation doi:10.1038/cdd.2017.177 20 October 2017

<https://www.nature.com/articles/cdd2017177>

M. HAFENBREIDEL, S. B. BRIGGS, S. KHAN, M. D. CAMERON, G. RUMBAUGH, C. A. MILLER;

Mechanisms specific to methamphetamine-associated memory disruption by nonmuscle myosin II inhibition

420.01 / SS23, Neuroscience Annual Meeting 2017, Nov 11th to 15th 2017 Washington DC, United States

<http://www.abstractsonline.com/pp8/#!/4376/presentation/16699>

Rising, Gail M.; Holmes, Sandra N.; Rajendran, Sountharia; Yanovich, Amber L.; Arlt, Martin F.; Glover, Thomas W.

An Improved Method of Implanting a Programmable Continuous Infusion Pump in Mice

AALAS Annual Meeting, October 15-19, 2017

João Teixeira, Teófilo Vasconcelos, Patrício Soares-da-Silva, Ricardo Lima

Drug delivery system characterization of a formulation delivered from an iPRECIO® microinfusion pump

World Congress of Pharmacy and Pharmaceutical Sciences 2017 (77th annual congress of FIP), Seoul, Republic of Korea, 10 - 14 September 2017

<https://www.fip.org/abstracts?page=abstracts&action=item&item=19440>

João Teixeira, Nuno Pires, Bruno Igreja, Ana Loureiro, Teófilo Vasconcelos, Ricardo Lima, Patrício Soares-da-Silva

Comparative bioavailability of a drug in a peg based solution using an iPRECIO® pump infusion and subcutaneous bolus

World Congress of Pharmacy and Pharmaceutical Sciences 2017 (77th annual congress of FIP), Seoul, Republic of Korea, 10 - 14 September 2017

<https://www.fip.org/abstracts?page=abstracts&action=item&item=19442>

João Teixeira, Nuno Pires, Bruno Igreja, Ana Loureiro, Teófilo Vasconcelos, Ricardo Lima, Patrício Soares-da-Silva

Comparative bioavailability of cyclodextrins' based drug delivery from ALZET® and iPRECIO® pumps and subcutaneous bolus administration

World Congress of Pharmacy and Pharmaceutical Sciences 2017 (77th annual congress of FIP), Seoul, Republic of Korea, 10 - 14 September 2017

<https://www.fip.org/abstracts?page=abstracts&action=item&item=19454>

Kerry J. Trotter, Federico Buffaldi, Marco Pravetoni, Patrick E. Rothwell

Convergent and Divergent Behavioral Changes Caused by Different Patterns of Morphine Exposure in Mice

International Narcotics Research Conference (INRC), Chicago, 9 - 14 of July 2017

<https://www.fourwave.com/view/324/abstracts/#5203>

Alec Salt, Jared Hartsock, Ruth Gill, Daniel Smyth, Jonathon Kirk, Kristien Verhoeven

Perilymph pharmacokinetics of marker applied through a cochlear implant in guinea pigs

PLOS ONE | August 17, 2017

<https://doi.org/10.1371/journal.pone.0183374>

Hirotada Tajiri, Takehito Urano, Takahiro Shirai, Daisuke Takaya, Shigeki Matsunaga, Daiki Setoyama, Mayuki Watanabe, Mutsuko Kukimoto-Niino, Kounosuke Oisaki, Miho Ushijima, Fumiyuki Sanematsu, Teruki Honma, Takaho Terada, Eiji Oki, Senji Shirasawa, Yoshihiko Maehara, Dongchon Kang, Jean-François Côté, Shigeyuki Yokoyama, Motomu Kanai, and Yoshinori Fukui

Targeting Ras-Driven Cancer Cell Survival and Invasion through Selective Inhibition of DOCK1

Cell Reports 19, 969–980, May 2, 2017

<http://dx.doi.org/10.1016/j.celrep.2017.04.016>

Yasuhiro Ogawa, Yoko Irukayama-Tomobe, Nobuyuki Murakoshi, Maiko Kiyama, Yui Ishikawa, Naoto Hosokawa, Hiromu Tominaga, Shuntaro Uchida, Saki Kimura, Mika Kanuka, Miho Morita, Michito Hamada, Satoru Takahashi, Yu Hayashi, Masashi Yanagisawa

Peripherally administered orexin improves survival of mice with endotoxin shock

eLife 2016;5:e21055. DOI: 10.7554/eLife.21055 Published December 30, 2016

<https://elifesciences.org/content/5/e21055>

Tsuyoshi Inoue, Chikara Abe, Sun-sang J. Sung, Stefan Moscalu,1 Jakub Jankowski, Liping Huang, Hong Ye, Diane L. Rosin, Patrice G. Guyenet, and Mark D. Okusa

Vagus nerve stimulation mediates protection from kidney ischemia-reperfusion injury through α7nAChR⁺ splenocytes

J Clin Invest. doi:10.1172/JCI83658 Published April 18, 2016

<http://www.jci.org/articles/view/83658>

R.Sabharwal, L. Yang.

Angiotensin-(1-7) Delays Onset of Dilated Cardiomyopathy in Mice with Muscular Dystrophy.

Poster B321 754.7, Experimental Biology (EB2016), San Diego, United States, April 2nd to 6th, 2016

Rohit Chavan, Céline Feillet, Sara S. Fonseca Costa, James E. Delorme, Takashi Okabe, Jürgen A. Ripperger & Urs Albrecht

Liver-derived ketone bodies are necessary for food anticipation

Nature Communications 7, Article number: 10580 doi:10.1038/ncomms10580

Published 03 February 2016

<http://www.nature.com/ncomms/2016/160203/ncomms10580/full/ncomms10580.html>

Micro | SMP-200

Mykel A Robble, Ph.D, Isaiah L Holloway, Jr, B.S, Elysia Ridener, M.S, Chelsea J Webber, M.S, S Barak Caine, Ph.D, Edward Meloni, Ph.D, Rajeev I Desai, Ph.D, William A Carlezon, Jr, Ph.D

Differential effects of nicotine and nicotine withdrawal on fear conditioning in male rats

[Open Access]

International Journal of Neuropsychopharmacology, pyaa024,

<https://doi.org/10.1093/ijnp/pyaa024>

Key words: Nicotine, PTSD, Fear Conditioning, Withdrawal

Topic: nicotine, nicotine withdrawal, conditioning (psychology), fear, self-administration, rats

Seita, Yasunari; Morimura, Toshifumi; Watanabe, Naoki; Watani, Chizuru; Tsuchiya, Hideaki; Nakamura, Shinichiro; Suzuki, Toshiharu; Yanagisawa, Daijiro; Tsukiyama, Tomoyuki; Nakaya, Masataka; Okamura, Eiichi; Muto, Masanaga; Ema, Masatsugu; Nishimura, Masaki; Tooyama, Ikuo

Generation of Transgenic Cynomolgus Monkeys Overexpressing the Gene for Amyloid-β Precursor Protein

[Open Access]

Journal of Alzheimer's Disease, vol. Pre-press, no. Pre-press, pp. 1-16, 2020

<https://doi.org/10.3233/JAD-191081>

Keywords: Amyloid-beta protein precursor, animal, cryopreservation, intracytoplasmic sperm injection (ICSI), primates, transgenic, vitrification, zygote

Miss Amanda Cheung, Dr. Femke Streijger, Miss Kitty So, Dr. Elena B Okon, Ms. Neda Manouchehri, Ms. Katelyn Shortt, Prof. Kyoung-Tae Kim, Mr. Martin Keung, Mr. Ryan M Chan, Mr. Allan Fong, Miss Jenny Sun, Dr. Donald E Griesdale, Dr. Mypinder Singh Sekhon, and Dr. Brian K Kwon

The Relationship Between Early Vasopressor Administration and Spinal Cord Hemorrhage in a Porcine Model of Acute Traumatic Spinal Cord Injury

Journal of Neurotrauma, Just Accepted, Published Online: 1 Apr 2020

<https://doi.org/10.1089/neu.2019.6781>

Keywords: animal studies, clinical management of CNS injury, Models of Injury, Traumatic Spinal Cord Injury

Meihua Li, Can Zheng, Toru Kawada, Masashi Inagaki, Kazunori Uemura & Masaru Sugimachi

Intracerebroventricular infusion of donepezil prevents cardiac remodeling and improves the prognosis of chronic heart failure rats

[Open Access]

The Journal of Physiological Sciences volume 70, Article number: 11 (2020)

<https://doi.org/10.1186/s12576-020-00739-0>

Tomoyuki Tsukiyama, Kenichi Kobayashi, Masataka Nakaya, Chizuru Iwatani, Yasunari Seita, Hideaki Tsuchiya, Jun Matsushita, Kahoru Kitajima, Ikuo Kawamoto, Takahiro Nakagawa, Koji Fukuda, Teppei Iwakiri, Hiroyuki Izumi, Iori Itagaki, Shinji Kume, Hiroshi Maegawa, Ryuichi Nishinakamura, Saori Nishio, Shinichiro Nakamura, Akihiro Kawauchi & Masatsugu Ema

Monkeys mutant for PKD1 recapitulate human autosomal dominant polycystic kidney disease

[Open Access]

Nature Communications volume 10, Article number: 5517 (2019)

<https://www.nature.com/articles/s41467-019-13398-6>

Subjects: Disease Model, Genetic Engineering, Mechanism of Disease

Sarah L.Withey Rachel J.Doyle Erica N.Portera JackBergman Brian D.Kangas

Discrimination Learning in Oxycodone-Treated Nonhuman Primates

Drug and Alcohol Dependence, Available online 27 November 2019, 107778

<https://doi.org/10.1016/j.drugalcdep.2019.107778>

Henrike Beverungen, Samantha Choyke Klaszky, Michael Klaszky, and Marie-Pascale Côté
Rehabilitation Decreases Spasticity by Restoring Chloride Homeostasis through the Brain-Derived Neurotrophic Factor–KCC2 Pathway after Spinal Cord Injury
Journal of Neurotrauma 2019 doi: 10.1089/neu.2019.6526
<https://www.liebertpub.com/doi/abs/10.1089/neu.2019.6526>

Key words: spinal cord injury, rehabilitation, chloride homeostasis, neuroplasticity, KCC2

K. Redinus et al.

An Hb-mediated circulating macrophage contributing to pulmonary vascular remodeling in sickle cell disease
JCI Insight. 2019 Aug 8; 4(15): e127860.
Published online 2019 Aug 8. doi: <https://doi.org/10.1172/jci.insight.127860>

Bering T, Hertz H, Rath M.

Rhythmic release of corticosterone induces circadian clock gene expression in the cerebellum.
Neuroendocrinology. 2019 Sep 27. doi: 10.1159/000503720. [Epub ahead of print]
<https://www.karger.com/Article/Abstract/503720>

Yi Gong, Ming-yue Du, Hua-lin Yu, Zhi-yong Yang, Yu-jin Li, Lei Zhou, Rong Mei, Li Yang, Fei Wang
Increased TRPM4 Activity in Cerebral Artery Myocytes Contributes to Cerebral Blood Flow Reduction After Subarachnoid Hemorrhage in Rats

Neurotherapeutics pp1-11, 09 May 2019
<https://link.springer.com/article/10.1007/s13311-019-00741-4>

Yasunari Seita, Tomoyuki Tsukiyama, Takuya Azami, Kenichi Kobayashi, Chizuru Iwatani, Hideaki Tsuchiya, Masataka Nakaya, Hideyuki Tanabe, Seiji Hitoshi, Hiroyuki Miyoshi, Shinichiro Nakamura, Akihiro Kawauchi, Masatsugu Ema

Comprehensive evaluation of ubiquitous promoters suitable for the generation of transgenic cynomolgus monkeys

Biology of Reproduction, ioz040, <https://doi.org/10.1093/biolre/ioz040>

Bo Halle, Kristian Mongelard, Frantz Rom Poulsen

Convection-enhanced Drug Delivery for Glioblastoma: A Systematic Review Focused on Methodological Differences in the Use of the Convection-enhanced Delivery Method

Asian Journal of Neurosurgery, Review Article, Year:2019, Volume:14, Issue:1, Page:5-14,
DOI:10.4103/ajns.AJNS_302_17

<http://www.asianjns.org/article.asp?issn=1793-5482;year=2019;volume=14;issue=1;spage=5;epage=14;aulast=Halle>

Yasunari SEITA, Chizuru IWATANI, Hideaki TSUCHIYA, Shinichiro NAKAMURA, Fuminori KIMURA, Takashi MURAKAMI, Masatsugu EMA

Poor second ovarian stimulation in cynomolgus monkeys (*Macaca fascicularis*) is associated with the production of antibodies against human follicle-stimulating hormone

Journal of Reproduction and Development, March 07, 2019, doi:10.1262/jrd.2018-156

https://www.jstage.jst.go.jp/article/jrd/advpub/0/advpub_2018-156/_article

W. A. Carlezon, Jr, I. Holloway, M. A. Robble, E. Meloni, R. Desai

Chronic intermittent nicotine exposure attenuates conditioned fear: A therapeutic model of the nicotine patch (P414.13)

Neuroscience 2018, Nov 3rd to 7th. San Diego CA.

<https://eventpilot.us/web/page.php?page=IntHtml&project=SFN18&id=9653>

Marty Cauley, Brandon J. Hall, Yael Abreu-Villaça, Shaqif Junaid, Hannah White, Abtin Kiany, Theodore A. Slotkin, Edward D. Levin

Critical developmental periods for effects of low-level tobacco smoke exposure on behavioral performance

NeuroToxicology, Volume 68, September 2018, Pages 81-87

<https://www.sciencedirect.com/science/article/pii/S0161813X18302870>

Swati Dey, Deetankar DeMazumder, Agnieszka Sidor, D B Foster, Brian O'Rourke

Mitochondrial ROS Drive Sudden Cardiac Death and Chronic Proteome Remodeling in Heart Failure

Circulation Research. 2018;CIRCRESAHA.118.312708

<http://circres.ahajournals.org/content/early/2018/06/12/CIRCRESAHA.118.312708.short>

Yasuto Shikida, Masahide Mizobuchi, Takashi Inoue, Toma Hamada, Hiroaki Ogata, Fumihiko Koiwa, Takanori Shibata

Effect of Continuous Intravenous Calcium Loading on Fibroblast Growth Factor 23 in Normal and Uremic Rats

Calcified Tissue International(2018) pp1-10 <https://doi.org/10.1007/s00223-018-0440-2>

Dmitry V.Zaretsky, Hannah Kline, Maria V.Zaretskaia, Mary Beth Brown, Pamela J.Durant, Nathan J.Alves, Daniel E.Rusyniak

Disinhibiting neurons in the dorsomedial hypothalamus delays the onset of exertional fatigue and exhaustion in rats exercising in a warm environment

Brain Research Available online 22 March 2018

<https://doi.org/10.1016/j.brainres.2018.03.026>

David Romeo-Guitart, Joaquim Forés, Mireia Herrando-Grabulosa, Raquel Valls, Tatiana Leiva-Rodríguez, Elena Galea, Francisco González-Pérez, Xavier Navarro, Valerie Petegnief, Assumpció Bosch, Mireia Coma, José Manuel Mas & Caty Casas

Neuroprotective Drug for Nerve Trauma Revealed Using Artificial Intelligence

SCIENTIFIC REPORTS (2018) 8:1879 DOI:10.1038/s41598-018-19767-3, January 2018

<https://www.ncbi.nlm.nih.gov/pubmed/29382857>

Dr. Femke Streijger, Miss Kitty So, Ms. Neda Manouchehri, Ms. Ana Gheorghe, Dr. Elena B Okon, Mr. Ryan M Chan, Mr. Benjamin Ng, Ms. Katelyn Shortt, Dr. Mypinder Singh Sekhon, Dr. Donald E Griesdale, and Dr. Brian K Kwon.

A Direct Comparison Between Norepinephrine and Phenylephrine for Augmenting Spinal Cord Perfusion in a Porcine Model of Spinal Cord Injury

Journal of Neurotrauma. January 2018

<http://online.liebertpub.com/doi/abs/10.1089/neu.2017.5285>

Zengbing Lu, Man P. Ngan, Ge Lin, David T.W. Yew, Xiaodan Fan, Paul L.R. Andrews and John A. Rudd

Gastric myoelectric activity during cisplatin-induced acute and delayed emesis reveals a temporal impairment of slow waves in ferrets: effects not reversed by the GLP-1 receptor antagonist, exendin (9-39)

Oncotarget. 2017 Nov 17; 8(58): 98691–98707. doi: 10.18632/oncotarget.21859

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5716760/>

Dr. Femke Streijger, Miss Kitty So, Ms. Neda Manouchehri, Mr. Jae H.T. Lee, Dr. Elena B Okon, Ms. Katelyn Shortt, Ms. So-Eun Kim, Mr. Kurt Anthony McInnes, Dr. Peter Alec Cripton, and Dr. Brian K Kwon

Changes in Pressure, Hemodynamics and Metabolism Within the Spinal Cord During the First 7-days After Injury Using a Porcine Model

Journal of Neurotrauma. August 2017

<https://doi.org/10.1089/neu.2017.5034>

Laure Penard, Karsten Skydsgaard, Christophe Bory, Edward Marsden

Challenges of intravenous infusion in the juvenile beagle dog

Reproductive Toxicology Volume 72, September 2017, Pages 46

<http://www.sciencedirect.com/science/article/pii/S0890623817304689>

C. Laloux, F. Gouel, C. Lachaud, K. Timmerman, B. Do Van, A. Jonneaux, M. Petrault, G. Garcon, N. Rouaix, C. Moreau, R. Bordet, J.A. Duce, J.C. Devedjian, D. Devos

Continuous cerebroventricular administration of dopamine: A new treatment for severe dyskinesia in Parkinson's disease?

Neurobiology of Disease

<http://dx.doi.org/10.1016/j.nbd.2017.03.013>

Robert Andersson, Tobias Kroon, Joachim Almquist, Mats Jirstrand, Nicholas D. Oakes, Neil D. Evans, Michael J. Chappel, Johan Gabrielsson

Modeling of free fatty acid dynamics: insulin and nicotinic acid resistance under acute and chronic treatments

J Pharmacokinet Pharmacodyn DOI 10.1007/s10928-017-9512-6 Accepted: 7 February 2017

<https://link.springer.com/article/10.1007/s10928-017-9512-6>

Masayuki Nakano, Yasuhisa Tamura, Masanori Yamatox, Satoshi Kume, Asami Eguchi, Kumi Takata, Yasuyoshi Watanabe & Yosky Kataoka

NG2 glial cells regulate neuroimmunological responses to maintain neuronal function and survival

Scientific Reports | 7:42041 | DOI: 10.1038/srep42041 Published: 14 February 2017

<http://www.nature.com/articles/srep42041>

Kroon T, Baccega T2, Olsén A, Gabrielsson J, Oakes ND.

Nicotinic acid timed to feeding reverses tissue lipid accumulation and improves glucose control in obese Zucker rats[S].

J Lipid Res. 2017 Jan;58(1):31-41. doi: 10.1194/jlr.M068395. Epub 2016 Nov 15.

<https://www.ncbi.nlm.nih.gov/pubmed/27875257>

Hasan M. Zahid, MohammedZubaerul Ferdaus, HirokiOhara, Minoru Isomura & Toru Nabika

Effect of p22phox depletion on sympathetic regulation of blood pressure in SHRSP: evaluation in a new congenic strain

Scientific Reports | 6:36739 | DOI: 10.1038/srep36739 Published: 08 November 2016

<http://www.nature.com/articles/srep36739>

Rongwei Li, Kang Ma, Hengli Zhao, Zhou Feng, Yang Yang, Hongfei Ge, Xuan Zhang, Jun Tang, Yi Yin, Xin Liu, Liang Tan & Hua Feng

Cattle encephalon glycoside and ignotin reduced white matter injury and prevented post-hemorrhagic hydrocephalus in a rat model of intracerebral hemorrhage

Scientific Reports | 6:35923 | DOI: 10.1038/srep35923, 26 October 2016

<http://www.nature.com/articles/srep35923>

Helge Thisgaard, Bo Halle, Charlotte Aaberg-Jessen, Birgitte Brinkmann Olsen, Anne Sofie Nautrup Therkelsen, Johan Hygum Dam, Niels Langkjær, Sune Munthe, Kjell Någren, Poul Flemming Høilund-Carlsen, Bjarne Winther Kristensen

Highly Effective Auger-Electron Therapy in an Orthotopic Glioblastoma Xenograft Model using Convection-Enhanced Delivery

Theranostics 2016, Vol. 6, Issue 12 2016; 6(12): 2278-2291. doi: 10.7150/thno.15898

<http://www.thno.org/v06p2278.pdf>

Theodore A. Slotkin, Ashley Stadler, Samantha Skavicus, Jennifer Card, Jonathan Ruff, Edward D. Levin and Frederic J. Seidler

Is There a Critical Period for the Developmental Neurotoxicity of Low-Level Tobacco Smoke Exposure?

Toxicological Sciences 10.1093/toxsci/kfw180 Accepted September 6, 2016.

<http://toxsci.oxfordjournals.org/content/early/2016/09/13/toxsci.kfw180.abstract>

Tomonori Nakamura, Ikuhiro Okamoto, Kotaro Sasaki, Yukihiro Yabuta, Chizuru Iwatani, Hideaki Tsuchiya, Yasunari Seita, Shinichiro Nakamura, Takuya Yamamoto & Mitinori Saitou

A developmental coordinate of pluripotency among mice, monkeys and humans

Nature 537, 57–62 (01 September 2016) doi:10.1038/nature19096

Received 02 November 2015 Accepted 12 July 2016 Published online 24 August 2016

<http://www.nature.com/nature/journal/v537/n7618/full/nature19096.html>

A. Maleah Holland, Michael D. Roberts, Petey W. Mumford, Christopher Brooks Mobley, Wesley C. Kephart, Christine F. Conover, Luke A. Beggs, Alexander Balaez, Dana M. Otzel, Joshua F. Yarrow, Stephen E. Borst, Darren T. Beck

Testosterone inhibits expression of lipogenic genes in visceral fat by an estrogen-dependent mechanism

Journal of Applied Physiology Published 18 August 2016 Vol. no. ,

DOI: 10.1152/japplphysiol.00238.2016

<http://jap.physiology.org/content/early/2016/08/16/japplphysiol.00238.2016.abstract>

Vivi Flou Hjorth Jensen, Anne-Marie Mølck, Martin Mårtensson, Mette Aagaard Strid, Melissa Chapman, Jens Lykkesfeldt, Ingrid Brück Bøgh

Assessment of implantable infusion pumps for continuous infusion of human insulin in rats: potential for group housing

Lab Anim. 2016 Jul 27. pii: 0023677216660740. doi:10.1177/0023677216660740

<http://lan.sagepub.com/content/early/2016/07/27/0023677216660740.abstract>

Keisuke Shinohara, Toshimichi Hata

Memory forgetting and NMDA receptor:Post-acquisition chronic microinfusion of NVP-AAM077 into dorsal hippocampus subsequently impairs the performance at reversal learning task in Morris water maze in rats

The 39th Annual Meeting of the Japan Neuroscience Society, Oral Session Learning and Cognition: Hippocampus [O2-H-2-2] July 21, 2016

http://www.jnss.org/abstract/neuro2016/meeting_planner/sessiondetail.php?st_id=2016000289&u=1469585803&yz=0

Steplewski A, Fertala J, Beredjiklian PK, Abboud JA, Wang MLY, Namdari S, Barlow J, Rivlin M, Arnold WV, Kostas J, Hou C, Fertala A

Blocking collagen fibril formation in injured knees reduces flexion contracture in a rabbit model

J Orthop Res. 2017 May;35(5):1038-1046. doi: 10.1002/jor.23369. Epub 2016 Jul 29.

<https://www.ncbi.nlm.nih.gov/pubmed/27419365>

Tobias Kroon

Optimizing Nicotinic Acid Delivery for Durable Antilipolysis and Improved Metabolic Control

Diss. (sammanfattning/summary) Uppsala : Sveriges lantbruksuniv., Acta Universitatis agriculturae Sueciae, 1652-6880 ; 2016:31 ISBN 978-91-576-8564-3 eISBN 978-91-576-8565-0

<http://pub.epsilon.slu.se/13324/>

R. Croft Thomas, Jr., Patrick M. Cowley, Abhishek Singh, Bat-Erdene Myagmar, Philip M. Swigart, Anthony J. Baker, Paul C. Simpson

The Alpha-1A Adrenergic Receptor in the Rabbit Heart

PLOS ONE | DOI:10.1371/journal.pone.0155238 June 3, 2016

<http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0155238>

Toshiyuki Hamada, Kenneth Sutherland, Masayori Ishikawa, Naoki Miyamoto, Sato Honma, Hiroki Shirato & Ken-ichi Honma

In vivo imaging of clock gene expression in multiple tissues of freely moving mice

NATURE COMMUNICATIONS | 7:11705 | DOI: 10.1038/ncomms11705

<http://www.nature.com/ncomms/2016/160610/ncomms11705/abs/ncomms11705.html>

Joshua S. Speed & Kelly A. Hyndman

In vivo organ specific drug delivery with implantable peristaltic pumps

Scientific Reports 6, Article number: 26251 (2016) doi:10.1038/srep26251

<http://www.nature.com/articles/srep26251>

Yasunari Seita, Tomoyuki Tsukiyama, Chizuru Iwatani, Hideaki Tsuchiya, Jun Matsushita, Takuya Azami, Junko Okahara, Shinichiro Nakamura, Yoshitaka Hayashi, Seiji Hitoshi, Yasushi Itoh, Takeshi Imamura, Masaki Nishimura, Ikuo Tooyama, Hiroyuki Miyoshi, Mitinori Saitou, Kazumasa Ogasawara, Erika Sasaki & Masatsugu Ema

Generation of transgenic cynomolgus monkeys that express green fluorescent protein throughout the whole body

Scientific Reports | 6:24868 | DOI: 10.1038/srep24868

<http://www.nature.com/articles/srep24868>

Mitchell D., Read, K., Chapman M. and Patten

Intrathecal administration using the iPRECIO® implanted pump

Development in Life Sciences, Vol 14, No. 4

http://cdn2.hubspot.net/hubfs/212573/docs/Envigo/Envigo_Pharma_Dils_14.4.4.pdf?t=1460116975327

Laura Gey, Manuela Gernert, Wolfgang Löscher

Continuous bilateral infusion of vigabatrin into the subthalamic nucleus : Effects on seizure threshold and GABA metabolism in two rat models

Neurobiology of Disease Volume 91, July 2016, Pages 194–208 doi:10.1016/j.nbd.2016.03.012

<http://www.sciencedirect.com/science/article/pii/S0969996116300560>

C. Bory, P. Lege, E. Chalenccon, J.-P. Briffaux, and S. Milano. WIL Research Europe, Lyon, France.

Pilot Study Investigating the Pressor Activity of Vasopressin Infused by the Subcutaneously Implanted SMP-200 Microinfusion Pump in the Telemetered Rat.

Poster P446, Society of Toxicology 55th Annual Meeting, New Orleans, United States, March 13th to 17th 2016.

<http://www.criver.com/files/pdfs/nonsource/74198-wil-sot-2016-baudet-1-fin.aspx>

E. Chalenccon, C. Bory, J.-P. Briffaux, and S. Milano. WIL Research Europe, Lyon, France.

Hemodynamic Effects of Amlodipine Intravenously Infused for 6 Weeks by Implantable SMP-200 Microinfusion Pump in the Spontaneously Hypertensive (SH) Telemetered Rat.

Poster P448, Society of Toxicology 55th Annual Meeting, New Orleans, United States, March 13th to 17th 2016.

<http://www.criver.com/files/pdfs/nonsource/74256-wil-sot-2016-baudet-2-fin.aspx>

Donna Tan, Ajai Vyas

Toxoplasma gondii infection and testosterone congruently increase tolerance of male rats for risk of reward forfeiture

Hormones and Behavior 79 (2016) 37–44

<http://www.sciencedirect.com/science/article/pii/S0018506X16300204>

Masaru Tsuboi, Yoshihide Ueda, Yasufumi Ota, Hiroshi Takehara, Takuya Aoshima, Fukutaro Mizuhashi

Physiological conditions in iPRECIO® -implanted rats

Fundamental Toxicological Sciences Vol.3 (2016) No.1 p.1-8

https://www.jstage.jst.go.jp/article/fts/3/1/3_1/_article

Bo Halle, Eric G. Marcusson, Charlotte Aaberg-Jessen, Stine S. Jensen, Morten Meyer, Mette K. Schulz, Claus Andersen, Bjarne W. Kristensen

Convection-enhanced delivery of an anti-miR is well-tolerated, preserves anti-miR stability and causes efficient target de-repression: a proof of concept.

Journal of Neuro-Oncology 2015 Oct 1.

<http://link.springer.com/article/10.1007%2Fs11060-015-1947-2>

<http://www.ncbi.nlm.nih.gov/pubmed/26428358>

T. Kroon, J. Gabrielsson, N.D. Oakes

The abruptness of terminating nicotinic acid delivery has a profound effect on free fatty acid and insulin rebound in rats

51st EASD Annual Meeting, Stockholm 2015

<http://www.easdvirtualmeeting.org/resources/the-abruptness-of-terminating-nicotinic-acid-delivery-has-a-profound-effect-on-free-fatty-acid-and-insulin-rebound-in-rats--2>

Christophe Bory, Philippe Legé, Estelle Chalenccon, Stéphane Milano, WIL Research Europe Lyon, St Germain-Nuelles, France

**Vasopressin pressor activity in telemetered rat infused with SMP 200 micro infusion pump.
A pilot study**

E-Posters: eP-54, 51st Congress of the European Societies of Toxicology, September 13th 2015

<https://eurotox2015.abstract-management.de/program/index.php?conViewSession=5087&action=papers&showDay=>

Estelle Chalenccon, C. Bory and S. Milano

SMP-200 micro infusion pump: effect of 6-weeks intravenous treatment with Amlodipine in spontaneously hypertensive (SHR) telemetered rat

5th Infusion Technology Organization Meeting, September 7th-8th 2015, Cologne, Germany.

www.ito-org.eu

Laura Gey, W Löscher and M Gernert

Use of iPrecio implantable micro infusion pumps for targeted intracerebral drug delivery in a rat model of epilepsy

5th Infusion Technology Organization Meeting, September 7th-8th 2015, Cologne, Germany.

www.ito-org.eu

Christian Schnell

The harmony of gold standard physiological monitoring with novel infusion technology: Better quality of science in pre-clinical models ranging from mice to marmosets

5th Infusion Technology Organization Meeting, September 7th-8th 2015, Cologne, Germany.

www.ito-org.eu

K Drew, T Jinka, L Bogren, I Bailey, Z Carlson, J Olson

METHODS AND COMPOSITIONS FOR THE TREATMENT OF ISCHEMIC INJURY TO TISSUE USING THERAPEUTIC HYPOTHERMIA

US Patent 20,150,238,513, 2015

<http://www.freepatentsonline.com/y2015/0238513.html>

Andreas Lundt, Carola Wormuth, Magdalena Elisabeth Siwek, Ralf Müller, Dan Ehninger, Christina Henseler, Karl Broich, Anna Papazoglou, and Marco Weiergräber

EEG radiotelemetry in small laboratory rodents - a powerful state-of-the art approach in neuropsychiatric, neurodegenerative and epilepsy research -

Neural Plasticity

<https://www.hindawi.com/journals/np/2016/8213878/>

Leigh J. Williams, Stephanie K. Klein, Danielle Greenawalt, Dawn Trueman, Helen Musgrove, Helen Jones, Linette Ruston, and Barry R. Davies

Establishment of an orthotopic bladder cancer model to evaluate continuous intravesical delivery of small molecule inhibitors in the nude rat

AACR 106th Annual Meeting 2015; April 18-22, 2015; Philadelphia, PA

http://cancerres.aacrjournals.org/content/75/15_Supplement/5146.short

Tobias Kroon, Ann Kjellstedt, Pia Thalén, Johan Gabrielsson, Nicholas D. Oakes

Dosing Profile Profoundly Influences Nicotinic Acid's Ability to Improve Metabolic Control in Rats

The Journal of Lipid Research, doi: 10.1194/jlr.M058149 , July 13, 2015

<http://www.jlr.org/content/early/2015/07/13/jlr.M058149.abstract>

Shanti Akers, Samuel GLickman, Serban A. Staicu, Deborah Haight, R. J. White

Increasing Dose Treprostinil and Tadalafil in Male Rats with Severe Pulmonary Hypertension

A52. PRECLINICAL TRIALS IN PULMONARY HYPERTENSION MODELS: NOVEL TARGETS AND DELIVERY. May 1, 2015,A1954-A1954

http://www.atsjournals.org/doi/abs/10.1164/ajrccm-conference.2015.191.1_MeetingAbstracts.A1954

Tulasi Ram Jinka , Velva Combs , and Kelly L Drew

Translating drug-induced hibernation to therapeutic hypothermia

ACS Chem. Neurosci., March 26, 2015, DOI: 10.1021/acscchemneuro.5b00056

<http://pubs.acs.org/doi/abs/10.1021/acscchemneuro.5b00056>

Kohki Matsubara, Yoshihiro Matsushita, Kiyoshi Sakai, Fumiya Kano, Megumi Kondo, Mariko Noda, Noboru Hashimoto, Shiro Imagama, Naoki Ishiguro, Akio Suzumura, Minoru Ueda, Koichi Furukawa, and Akihito Yamamoto

Secreted Ectodomain of Sialic Acid-Binding Ig-Like Lectin-9 and Monocyte Chemoattractant

Protein-1 Promote Recovery after Rat Spinal Cord Injury by Altering Macrophage Polarity

The Journal of Neuroscience, February 11, 2015 • 35(6):2452–2464

<http://www.jneurosci.org/content/35/6/2452.short>

Kelly E. Henry, Clinton T. Elfers, Rachael M. Burke, Oleg G. Chepurny, George G. Holz, James E. Blevins, Christian L. Roth, Robert P. Doyle

Vitamin B₁₂ Conjugation of Peptide-YY_{3–36} Decreases Food Intake Compared to Native

Peptide-YY_{3–36} Upon Subcutaneous Administration in Male Rats

Endocrinology February 6, 2015 doi: 10.1210/en.2014-1825

<http://press.endocrine.org/doi/abs/10.1210/en.2014-1825>

David C. Irwina, Jin Hyen Baekb, Kathryn Hassellc, Rachelle Nussc, Paul Eigenbergera, Christina Liska, Zoe Loomisc, Joanne Maltzahna, Kurt R Stenmarkd, Eva Nozik-Grayckd, Paul W. Buehlera

Hemoglobin induced lung vascular oxidation, inflammation, and remodeling contributes to the progression of hypoxic pulmonary hypertension and is attenuated in rats with repeat dose haptoglobin administration

Free Radical Biology and Medicine doi:10.1016/j.freeradbiomed.2015.01.012

<http://www.sciencedirect.com/science/article/pii/S0891584915000192>

Hiroshi Nakamoto, Kazuhiko Nakayama, Noriaki Emoto, and Fumihiko Kajiya

The Short-Term Effects of C-Peptide on the Early Diabetes-Related Ultrastructural Changes to the Podocyte Slit Diaphragm of Glomeruli in Rats

Microcirculation, Volume 22, Issue 2, pages 122–132, February 2015 DOI: 10.1111/micc.12185

<http://onlinelibrary.wiley.com/doi/10.1111/micc.12185/abstract>

Shobha N. Bhattachar, David M. Bender, Stephanie A. Sweetana, James A. Wesley

Discovery Formulations: Approaches and Practices in Early Preclinical Development

Discovering and Developing Molecules with Optimal Drug-Like Properties

AAPS Advances in the Pharmaceutical Sciences Series Volume 15, 2015, pp 49-94 Chapter 2,

27 Sep 2014

http://link.springer.com/chapter/10.1007/978-1-4939-1399-2_2

Roy J. Haskell, Kimberly A. Foster, Ching Kim Tye, Michael Morgen

Enabling Discovery Through Leveraging and Miniaturizing Pharmaceutical Principles and Processes

Discovering and Developing Molecules with Optimal Drug-Like Properties

AAPS Advances in the Pharmaceutical Sciences Series Volume 15, 2015, pp 95-140 Chapter 3,

27 Sep 2014

http://link.springer.com/chapter/10.1007/978-1-4939-1399-2_3

Yamamoto A., Matsubara K., Kano F. and Sakai K.

Analysis of the Neuroregenerative Activities of Mesenchymal Stem Cells in Functional Recovery after Rat Spinal Cord Injury

Animal Models for Stem Cell Therapy

Methods in Molecular Biology Volume 1213, 2014, pp 321-328 Chapter 26 , 04 Aug 2014

http://link.springer.com/protocol/10.1007/978-1-4939-1453-1_26

Roth C.L, Clinton Elfers C., Henry K., Burke R. and Doyle R.P.

Testing the Vitamin B12 Dietary Pathway for Delivery of Peptide-YY

Endocrine Society's 96th Annual Meeting and Expo, June 21–24, 2014 – Chicago, United States.

<http://press.endocrine.org/doi/abs/10.1210/endo-meetings.2014.OABA.5.SAT-0889>

Kuroki M.T. , Gregory D. Fink , John W. Osborn

Comparison of arterial pressure and plasma AngII responses to three methods of subcutaneous AngII administration

American Journal of Physiology - Heart and Circulatory Physiology Jul 2014,

DOI:10.1152/ajpheart.00922.2013

<http://ajpheart.physiology.org/content/early/2014/06/30/ajpheart.00922.2013>

KROON T., THALÉN P., KJELLSTEDT A., GABRIELSSON J., OAKES N.D.,

Intermittent, but Not Continuous Nicotinic Acid (NiAc) Infusion Preserves Plasma Free Fatty Acid (FFA) Lowering and Ameliorates Insulin Resistance in Obese Zucker Rats

American Diabetes Association 74th Scientific Session, , San Francisco, CA, June 13-17th 2014

Poster #1823-P

<http://ada.scientificposters.com/epsSearchADA.cfm>

Naotaro Akiyama, MD, PhD; Tomomi Yamamoto-Fukuda, MD, PhD; Haruo Takahashi, MD, PhD

Influence of Continuous Negative Pressure in the Rat Middle Ear

The Laryngoscope , DOI: 10.1002/lary.24767

<http://onlinelibrary.wiley.com/doi/10.1002/lary.24767/full>

Kenji Suehiro, Yuka Nakamura, Shuai Xu, Youichi Uda, Takafumi Matsumura, Yoshiaki Yamaguchi, Hitoshi Okamura, Toshihide Yamashita & Yoshinori Takei

Ecto-domain phosphorylation promotes functional recovery from spinal cord injury

Scientific Reports 4, Article number:4972 doi:10.1038/srep04972

<http://www.nature.com/srep/2014/140515/srep04972/full/srep04972.html>

Darren T. Beck Ph.D., Joshua F. Yarrow Ph.D., Luke A. Beggs M.S., Dana M. Otzel Ph.D., Fan Ye Ph.D., Christine F. Conover B.S., Julie R. Miller B.S., Alexander Balaez B.S., Sarah M. Combs B.S., Alicia M. Leeper B.S., Alyssa A. Williams B.S., Stephanie A. Lachacz B.S., Nigel Zheng Ph.D., Thomas J. Wronski Ph.D. and Stephen E. Borst Ph.D.

Influence of Aromatase Inhibition on the Bone Protective Effects of Testosterone

Journal of Bone and Mineral Research, 2014. DOI: 10.1002/jbmr.2265

Gey L, Gernert M, Löscher W

Chronic focal delivery of the antiepileptic drug vigabatrin into the subthalamic nucleus (STN) for epilepsy treatment

Deutsche Gesellschaft für Experimentelle und Klinische Pharmakologie und Toxikologie e.V.

80th Annual Meeting, April 1-3, Hannover, Germany.

Naunyn-Schmiedeberg's Arch Pharmacol (2014) 387 (Suppl1):

S1-S113 (DOI 10.1007/s00210-014-0960-x)

Duncan Patten (Huntingdon Life Sciences, UK)

Use of iPRECIO implantable micro infusion pumps in rats

4th Infusion Technology Organization Meeting, May 8th-9th

2014, Harrogate, UK.

Christian R. Schnell (Oncology Research, Novartis, Switzerland)

Use of iPRECIO implantable micro infusion pumps in rats

4th Infusion Technology Organization Meeting, May 8th-9th

2014, Harrogate, UK.

Leigh Williams (AstraZeneca, UK)

Establishment of an orthotopic model of bladder cancer for evaluation of molecularly targeted agents; intravesical delivery.

4th Infusion Technology Organization Meeting, May 8th-9th 2014, Harrogate, UK.

Masanori Yamato, Yasuhisa Tamura, Asami Eguchi, Satoshi Kume, Yukiharu Miyashige, Masayuki Nakano, Yasuyoshi Watanabe, Yosky Kataoka

Brain Interleukin-1 β and the Intrinsic Receptor Antagonist Control Peripheral Toll-Like Receptor 3-Mediated Suppression of Spontaneous Activity in Rats

Published: March 12, 2014 DOI: 10.1371/journal.pone.0090950 PLOS ONE Volume 9 Issue 3

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0090950>

Noriko Arai-Nunota, Masahide Mizobuchi, Hiroaki Ogata, Ai Yamazaki-Nakazawa, Chiaki Kumata, Fumiko Kondo, Nozomu Hosaka, Fumihiko Koiwa, Eriko Kinugasa, Takanori Shibata, Tadao Akizawa

Intravenous Phosphate Loading Increases Fibroblast Growth Factor 23 in Uremic Rats

Published: March 13, 2014 DOI: 10.1371/journal.pone.0091096 PLOS ONE Volume 9 Issue 3

<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0091096#pone-0091096-g004>

Halle B., Marcusson E., Aaberg-Jessen C., Jensen S.S., Meyer M, Schulz M.K., Andersen C., Kristensen B.W.

Efficient microRNA inhibition in a highly invasive orthotopic glioblastoma model

4th Quadrennial Meeting of the World Federation of Neuro-Oncology

November 21-24, 2013, San Francisco, California

COTE M.P., HOULÉ J. D.

Chloride cotransporter KCC2 is essential to exercise-dependent recovery of spinal reflexes after SCI.

Neuroscience 2013, San Diego, USA. November 9th – 13th 2013

<http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=7fc906d1-b705-4ea2-9148-1668c789f104&cKey=87ddc290-d4ac-4e6e-8bca-64232d1e92c&mKey=%7b8D2A5BEC-4825-4CD6-9439-B42BB151D1CP%7d>

OKON E. B., LEE J. H. T., STREIJGER F., MANOUCHEHRI N. , ANDERSON L. M., KWON B. K.

Intraparenchymal spinal cord microdialysis in unanaesthetized freely moving pigs following thoracic spinal cord injury

Neuroscience 2013, San Diego, USA. November 9th – 13th 2013

<http://www.abstractsonline.com/Plan/ViewAbstract.aspx?sKey=26dc24fd-2afe-4922-aa98-271fb03f99fd&cKey=9bccf58f-6cc4-49d8-b1d8-25170efedd71&mKey=8d2a5bec-4825-4cd6-9439-b42bb151d1cf>

Stanley W.C., Cox J.W., Asemu G., O'Connell K.A., Dabkowski E.R., Xu W., Ribeiro R.F.Jr., Shekar K.C., Hoag S.W., Rastogi S., Sabbah H.N., Daneault C., Rosiers, C.

Evaluation of Docosahexaenoic Acid in a Dog Model of Hypertension Induced Left Ventricular Hypertrophy

Journal of Cardiovascular Translational Research, September 2013, DOI: 10.1007/s12265-013-9511-y

<http://link.springer.com/article/10.1007/s12265-013-9511-y#>

Beier H.

Pharmacokinetic application of the iPRECIO pump

DSI User Group Meeting, Berlin, Germany; March 21st & 22nd 2013

Asemu G., O'Connell K.A., Cox J.W., Dabkowski E.R., Xu W., Ribeiro R.F. Jr., Shekar K.C., Hecker P.A. Rastogi S., Sabbah H.N., Hoppel C.L., and Stanley W.C.

Enhanced Resistance to Permeability Transition in Interfibrillar Cardiac Mitochondria in Dogs: Effects of Aging and Long Term Aldosterone Infusion

Am J Physiol Heart Circ Physiol. 2013 Feb 15;304(4):H514-28. doi: 10.1152/ajpheart.00674.2012.

Epub 2012 Dec 15.

<http://www.ncbi.nlm.nih.gov/pubmed/23241318>

Zaretsky D.V., Zaretskaia M.V., Durant P.J., Rusyniak D.E.

The use of microinfusion pump to perform intrahypothalamic injections in conscious rats.

Neuroscience 2012, New Orleans, USA., October 13th - 17 2012.

<http://www.abstractsonline.com/Plan/ViewAbstract.aspx?mID=2964&sKey=87d8b951-316f-466a-9eb7-4b154d0bbd2c&cKey=b4b8338f-9bd2-44e2-bcf4-6e05a36cbcb&mKey=%7b70007181-01C9-4DE9-A0A2-EEBFA14CD9F1%7d>

Patar, A., Jaafar, H., Jamalullail, S. M. S. S., & Abdullah, J. M.

The body wall crude extract of *Stichopus variegatus* promotes repair of acute contused spinal cord injury in rats by improving motor function and reduces intramedullary hemorrhage.

Biomed Res, 2012, 23(4), 483.22.

http://biomedres.info/yahoo_site_admin/assets/docs/483-494-Jafri_Abdullahll-1.27425644.pdf

Sasaki N, Shinjo M, Hirakawa S, Nishinaka M, Tanaka Y, Mawatari K, Kitamori T, Sato K.

A palmtop-sized microfluidic cell culture system driven by a miniaturized infusion pump.

Electrophoresis. 2012 Jul;33(12):1729-35. doi: 10.1002/elps.201100691.

<http://www.ncbi.nlm.nih.gov/pubmed/22740461>

Buehler PW, Baek JH, Lisk C, Connor I, Sullivan T, Kominsky D, Majka S, Stenmark KR, Nozik-Grayck E, Bonaventura J, Irwin DC.

Free hemoglobin induction of pulmonary vascular disease: evidence for an inflammatory mechanism. Am J Physiol Lung Cell Mol Physiol. 2012 Aug;303(4):L312-26. Epub 2012 Jun 22.

<http://www.ncbi.nlm.nih.gov/pubmed/22728465>

Yoshinori T., Kenji S., Kazuharu S., and Gozoh T.

Extracellular phosphorylation is a novel target for regenerative medicine against spinal cord injury. The FASEB Journal. 2012;26:921.4,

http://www.fasebj.org/cgi/content/meeting_abstract/26/1_MeetingAbstracts/921.4?sid=8d804f68-eb3f-4c2c-8b12-fa525cbbb359

Malicdan MC, Noguchi S, Tokutomi T, Goto Y, Nonaka I, Hayashi YK, and Nishino I.

Peracetylated N-acetylmannosamine, a synthetic sugar molecule, efficiently rescues muscle phenotype and biochemical defects in mouse model of sialic acid-deficient myopathy.

J Biol Chem. 2012 Jan 20; 287(4):2689-705. Epub 2011 Dec 8

<http://www.ncbi.nlm.nih.gov/pubmed/22157763>

Perron J., Frenette V., and Copeman C.

Validation and use of the iPRECIO® Micro Infusion Pump on GLP studies

Society of Toxicology Annual Meeting, San Francisco, United States, March 11th to 14th 2012.

<http://www.criver.com/about-us/eureka/podcasts/july-2012/micro-infusion>

Copeman C, Perron J., Trudel Y., Caron S., Emond F., Frenette, and Burr M.

Intraputamenal Infusion in the albino rat

Society of Toxicology Annual Meeting, San Francisco, United States, March 11th to 14th 2012.

Wood S.K., McFadden D.V., Grigoriadis D., Bhatnagar S. and Valentino R.J.

Depressive and cardiovascular disease co-morbidity in a rat model of social stress: a putative role for corticotropin-releasing factor

Psychopharmacology 2012 Feb 10. [Epub ahead of print]

<http://www.ncbi.nlm.nih.gov/pubmed/22322324>

Imai T., Nakata E., Inoue K.

Inhibition of P2X4x receptor on spinal microglia attenuates mechanical allodynia in experimental autoimmune neuritis rats

Pain Research, Vol. 26 2011, O-59 Accepted: 7 February 2012

https://www.jstage.jst.go.jp/article/pain/27/1/27_4/_pdf

Clarke I.J., Smith J.T., Henry B.A., Oldfield B.J., Stefanidis A., Millar R.P., Sari I.P., Chng K., Fabre- Nys C., Caraty A., Ang B.T., Chan L., and Fraley G.S.

Gonadotropin-Inhibitory Hormone Is a Hypothalamic Peptide That Provides a Molecular Switch between Reproduction and Feeding.

Neuroendocrinology (DOI: 10.1159/000332822) First published online January 25, 2012.

<http://www.ncbi.nlm.nih.gov/pubmed/22286004>

Kusanagi A., Yamasaki J., Iwatani C., Tsuchiya H. and Torii R.

220 NONHUMAN PRIMATE EMBRYONIC STEM CELLS SIMILAR TO THE BIOLOGICAL PROPERTIES OF MOUSE EMBRYONIC STEM CELLS

Reproduction, Fertility and Development 24(1) 222-222

<http://dx.doi.org/10.1071/RDv24n1Ab220>

Iwatani C., Yamasaki J., Kusanagi A., Tsuchiya H. and Torii R.

127 Ovarian stimulation in cynomolgus monkeys by a controlled release of follicular-stimulating hormone utilizing a micro infusion pump.

Reproduction, Fertility and Development 24 (1) 176-176

<http://dx.doi.org/10.1071/RDv24n1Ab127>

Tan T., Watts S. W. and Davis R. P.

Drug delivery: enabling technology for drug discovery and development. iPRECIO Micro Infusion Pump: programmable, refillable, and implantable [Open Access]

Front. Pharmacol. 2:44. doi: 10.3389/fphar.2011.00044

http://www.frontiersin.org/Journal/Abstract.aspx?s=322&name=experimental_pharmacology_and_drug_discovery&ART_DOI=10.3389/fphar.2011.00044

Osborn J., presenter; Fink G., discussant

Implantable infusion pumps for chronic rodent studies.

Workshop: Rodent Instrumentation Workshop M. Knuepfer, Experimental Biology, Washington DC.; April 9th to 13th 2011

http://medschool.slu.edu/pharmphys/uploads/John_Osborn_Implantable_Infusion_Pumps.pdf

Yoshinori T.

Extracellular protein phosphorylation promotes functional recovery from experimental spinal cord injury.

The 6th International Symposium on Receptor Mechanisms, Signal Transduction and Drug Effects - Development of Novel Therapy to Specific Disease in organ -, Kyoto, Japan; April 1st and 2nd 2011

Schnell C. and Ferrat T.,

Use of novel programmable pump for intracranial administration in an orthotopic glioblastoma tumor model in rats.

DSI User Group Meeting, Paris, France; March 17th 18th 2011

Martel E.

Refined rat pharmacology studies with infusion using implantable pumps.

DSI User Group Meeting, Paris, France; March 17th 18th 2011

Douglas G., Jones H., Edgington A., Saunders K., Neil Morgan S, Pullen N and Parenty G.

GPR54 agonists a way forward for downregulation of the GnRH pathway?

10th International Symposium on GnRH, Salzburg, Austria, Feb 6th -8th 2011

Shobo M., Yamada H., Koakutsu A., Hamada N., Fujii M, Harada K., Ni K., and Matsuoka N.,

Chronic treatment with olanzapine via a novel infusion pump induces adiposity in male rats.

Life Sciences, Volume 88, Issues 17–18, 25 April 2011, Pages 761-765

<http://www.ncbi.nlm.nih.gov/pubmed/21356217>

Chikara Abe, Kunihiko Tanaka, Chihiro Iwata, and Hironobu Morita

Vestibular-mediated increase in central serotonin plays an important role in hypergravity-induced hypophagia in rats

Appl Physiol December 2010 109:(6) 1635-1643

<http://www.ncbi.nlm.nih.gov/pubmed/20847126>

Yamato M., Okuyama K., Jin GH., Eguchi A., Watanabe Y., Kataoka Y.

Endogenous IL-1 β and IL-1 receptor antagonist in the brain are involved in poly I:C-induced immunological fatigue

The 33rd Annual Meeting of the Japan Neuroscience Society, Kobe, Japan., September 2nd – 4th 2010.

Stephanie W. Watts

The Evolving Story of 5-HT and Blood Pressure Mechanisms in a Muddle

Serotonin Club 2010, Montreal, Canada, July 9-11 2010

Susan K. Wood

Insights into pharmacotherapy for co-morbid depression and cardiovascular disease using a rodent model of social stress

iPRECIO® Luncheon Seminar, EB2010, Anaheim, United States, April 20-24 2010

Patrick Davis, Gregory D Fink, Bridget Seitz, and Stephanie W Watts

Serotonin infusion via the iPrecio® micro infusion pump results in repeated reductions in blood pressure in the normotensive Sprague Dawley rat.

FASEB J. 2010 24:lb551

http://www.fasebj.org/cgi/content/meeting_abstract/24/1_MeetingAbstracts/lb551

Jay Gizzi, Theodore Baird, Kyle O'Donohue, Josh Yoder, Jessica Grenwis, and Heather Bogie

Optimization of a fully implantable small animal infusion model involving multi-pressure data collection.

FASEB J. 2010 24:lb571

http://www.fasebj.org/cgi/content/meeting_abstract/24/1_MeetingAbstracts/lb571

Shobo M., Yamada H., Koakutsu A., Harada K., Ni K., and Matsuoka N.

Effect of long-term electrical infusion of olanzapine on fat weight in rats: a novel method for administration of biologically and/or chemically fragile compounds.

The 83rd Annual Meeting of the Japanese Pharmacological Society, Osaka, Japan, March 16th -18th 2010

Abe C., Tanaka K., Awazu H., Morita H.

**The role of the vestibular system on the metabolism under hypergravity environment in rats:
Implication for motion sickness.**

Neuroscience 2009, Chicago, USA., October 17th - 21st 2009.

Yamato M., Okuyama K., Jin GH., Eguchi A., Watanabe Y., Kataoka Y.

Interleukin-1 β expression in the brain is involved in poly I:C-induced immunological fatigue-like behavior in rats

The 32nd Annual Meeting of the Japan Neuroscience Society, Nagoya, Japan., September 16th - 18th 2009.

Coles D.I., Warr A., Mead A.

Characterization of Pentobarbital Physical Dependence and Withdrawal in Rats

9th. Safety Pharmacology Society Annual Meeting, Strasbourg, France., September 15th - 18th 2009.

<http://www.sciencedirect.com/science/article/pii/S1056871910001905/>

Infusion Pumps for Small Laboratory Animals

ALN Magazine May/June 2009

<http://www.alnmag.com/article/infusion-pumps-small-laboratory-animals>

Iwatani C., Yamasaki J., Okahara—Narita J., Tsuchiya H., Torii R.

Research Center for Animal Life Science Shiga University of Medical Science

Follicular stimulation with micro infusion pump in cynomolgus monkeys (*Macaca fascicularis*)

The 56th Annual Meeting of the Japanese Association for Laboratory Animal Science 2009, Omiya Sonic City, Japan., May 13th - 16th 2009.

Abe C, Tashiro T, Tanaka K, Ogihara R, Morita H.

A novel type of implantable and programmable infusion pump for small laboratory animals.

J Pharmacol Toxicol Methods. 2008 Sep 22. <http://www.ncbi.nlm.nih.gov/pubmed?term=iprecio>

Emiko Matsuoka, Makoto Miyazaki, Kazunori Iwanaga, and Masao Kakemi.

Assessment of Pharmacokinetic-Pharmacodynamic Relationship of Vitamin B12 in the Treatment of Somnolence in Rats

14th Annual Meeting of Japanese Society for Chronobiology, Tokyo, Japan, November 7-9 2007

Christophe Bory, Philippe Lege, Estelle Chalencon, Stephane Milano, Kevin Gilbert, Florence Koeppel
Evaluation of iPrecio — Dual Channel pump: A safety pharmacology study case in the Cynomolgus Monkey

Journal of Pharmacological and Toxicological Methods, Volume 70, Issue 3, November–December 2014,
Page 350

<http://www.sciencedirect.com/science/article/pii/S1056871914001701>

Christophe Bory, Phillippe Lege, Estelle Chalencon, Stephane Milano

Evaluation of iPrecio — Dual Channel pump: A safety pharmacology study case in the Gottingen Minipig

Journal of Pharmacological and Toxicological Methods, Volume 70, Issue 3, November–December 2014,
Pages 349-350

<http://www.sciencedirect.com/science/article/pii/S1056871914001695>

Milano S.

Evaluation of iPrecio - dual channel pump

DSI User Group Meeting, Berlin, Germany; March 21st & 22nd 2013

April 10th 2020, <http://www.iprecio.com/>