

2019 Références trouvées : 2

Yi Y., Kim H. J., Zheng M., Mi P., Naito M., Kim B. S., Min H. S., Hayashi K., Perche F., Toh K., Liu X., Mochida Y., Kinoh H., Cabral H., Miyata K. and Kataoka K. (2019)

[Glucose-linked sub-50-nm unimer polyion complex-assembled gold nanoparticles for targeted siRNA delivery to glucose transporter 1-overexpressing breast cancer stem-like cells.](#)

Journal of controlled release, (2019) 295, 268-277.

Abstract

Gomez J.-P., Tresset G., Pichon C. and Midoux P. (2019)

[Improved histidinylated IPEI polyplexes for skeletal muscle cells transfection.](#)

International Journal of Pharmaceutics, (2019) 559, 58-67.

Abstract

2018 Références trouvées : 6

Vijayarangan V., Delalande A., Dozias S., Pouvesle J.-M., Pichon C. and Robert E. (2018)

[Cold Atmospheric Plasma Parameters Investigation for Efficient Drug Delivery in HeLa Cells.](#)

IEEE Transactions on Radiation and Plasma Medical Sciences (2018) 2 (2) 109-115.

Abstract

Van der Jeught K., De Koker S., Bialkowski L., Heirman C., Joe P. T., Perche F., Maenhout S., Bevers S., Broos K., Deswarte K., Malard V., Hammad H., Baril P., Benvegna T., Jaffres P. A., Kooijmans S. A. A., Schiffelers R., Lienenklaus S., Midoux P., Pichon C., Breckpot K. and Thielemans K. (2018)

[Dendritic Cell Targeting mRNA Lipopolyplexes Combine Strong Antitumor T-Cell Immunity with Improved Inflammatory Safety.](#)

Acs Nano (2018) 12 (10) 9815-9829.

Abstract

Le Moignic A., Malard V., Benvegna T., Lemiegre L., Berchel M., Jaffres P. A., Baillou C., Delost M., Macedo R., Rochefort J., Lescaille G., Pichon C., Lemoine F. M., Midoux P. and Mateo V. (2018)

[Preclinical evaluation of mRNA trimannosylated lipopolyplexes as therapeutic cancer vaccines targeting dendritic cells](#)

Journal of Controlled Release (2018) 278, 110-121

Abstract

Drean M., Debuigne A., Jerome C., Goncalves C., Midoux P., Rieger J. and Guegan P (2018)

Poly(N-methylvinylamine)-Based Copolymers for Improved Gene Transfection.

Macromolecular bioscience, (2018).

Abstract

Dammak M., Hadrich B., Barkallah M., Hentati F., Ben Hlima H., Pichon C., Denis M., Fendri I., Michaud P. and Abdelkafi S. (2018)

Modelling Tetraselmis sp. growth-kinetics and optimizing bioactive-compound production through environmental conditions.

Bioresource technology, (2018) 249, 510-518.

Abstract

Anthiya S., Griveau A., Loussouarn C., Baril P., Garnett M., Issartel J. P. and Garcion E. (2018)

MicroRNA-Based Drugs for Brain Tumors.

Trends Cancer, (2018) 4 (3) 222-238.

Abstract

2017 Références trouvées : 18

Rahman M., Beg S., Anwar F., Kumar V., Ubale R., Addo R. T. Ali R. and Akhter S. (2017)

Liposome-Based Nanomedicine Therapeutics for Rheumatoid Arthritis

Critical Reviews in Therapeutic Drug Carrier Systems (2018) 34 (4) 283-3016

Abstract

Ahmad J., Singhal M., Amin S., Rizwanullah Md, Akhter S., Kamal M. A., Haider N., Midoux P. and Pichon C. (2017)

Bile Salt Stabilized Vesicles (Bilosomes) : A Novel Nano-Pharmaceutical Design for Oral Delivery of Proteins and Peptides

Current Pharmaceutical Design (2018) 23 (11) 1575-1588

Abstract

Dréan M., Debuigne A., Goncalves C., Jérôme C., Midoux P., Rieger J. and Guégan P. (2017)

Use of Primary and Secondary Polyvinylamines for Efficient Gene Transfection

Biomacromolecules (2017) 18 (2) 440-451

Abstract

Beg S., Rahman M., Jain A., Saini S., Midoux P., Pichon C., Ahmad F. J. and Akhter S. (2017)

Nanoporous metal organic frameworks as hybrid polymer–metal composites for drug delivery and biomedical applications

Drug Discovery Today (2017) 22 (4) 625-637

Abstract

Midoux P., Pigeon L., Goncalves C. and Pichon C. (2017)

Peptides mediating DNA transport on microtubules and their impact on non-viral gene transfer efficiency.

Bioscience reports (2017) 37.

Abstract

Manta S., Renault G., Delalande A., Couture O., Lagoutte I., Seguin J., Lager F., Houzé P., Midoux P., Bessodes M., Scherman D., Bureau M.-F., Marie C., Pichon C. and Mignet N. (2017)

Cationic microbubbles and antibiotic-free miniplasmid for sustained ultrasound–mediated transgene expression in liver.

Journal of Controlled Release (2017) 262, 170 - 181.

Abstract

Guillot S., Méducin F., Poljak K., Malard V., Foucault-Collet A., Serieye S. and Pichon C. (2017)

Nanostructured monolinolein miniemulsions as delivery systems : Role of the internal mesophase on cytotoxicity and cell internalization.

International Journal of Pharmaceutics (2017) 523, 142-150.

Abstract

Demouilins T., Englezou P. C., Milona P., Ruggli N., Tirelli N., Pichon C., Sapet C., Ebensen T., Guzman C. A. and McCullough K. C. (2017)

Self-Replicating RNA Vaccine Delivery to Dendritic Cells

Methods in molecular biology (2017) 1499, 37-75.

Abstract

Alam A., Jaiswal V., Akhtar S., Jayashree B. S. and Dhar K. L. (2017)

Isolation of isoflavones from Iris kashmiriana Baker as potential anti-proliferative agents targeting NF-kappaB.

Phytochemistry (2017) 136, 70-80.

Abstract

Ahmad J., Akhter S., Rizwanullah M., Khan M. A., Pigeon L., Addo R. T., Greig N. H., Midoux P., Pichon C. and Kamal M. A. (2017)

Nanotechnology Based Theranostic Approaches in Alzheimer's Disease Management : Current Status and Future Perspective.

Current Alzheimer Research (2017) 14, 1164-1181

Abstract

Berchel, M., Akhter, S. Berthe, W., Gonçalves, C., Dubuisson, M., Pichon, C., Jaffres, P.-A. and Midoux, P. (2017)

Synthesis of α -amino-lipophosphonates as cationic lipids or co-lipids for DNA transfection in dendritic cells

Journal of materials chemistry B (2017) 5, 6869-6881

Abstract

Thibault, T., Degrouard, J., Baril, P., Pichon, C., Midoux, P. and Malinge, J.-M. (2017)

Production of DNA minicircles less than 250 base pairs through a novel concentrated DNA circularization assay enabling minicircle design with NF- κ B inhibition activity

Nucleic Acids Research (2017) 45 (5) e26

Abstract

Goncalves, C., Gomez, J.-P., Mème, W., Rasolonjatovo, B., Gosset, D., Nedellec, S., Hulin, P., Huin, C., Le Gall, T., Montier, T., Lehn, P., Pichon, C., Guegan, P., Cheradame, H. and Midoux, P. (2017)

Curcumin/poly(2-methyl-2-oxazoline-b-tetrahydrofuran-b-2-methyl-2-oxazoline) formulation : An improved penetration and biological effect of curcumin in F508del-CFTR cell lines

European journal of pharmaceutics and biopharmaceutics (2017) 117, 168-181

Abstract

Gomez, J.-P., Goncalves, C., Pichon, C. and Midoux, P. (2017)

Effect of IL-1 beta, TNF-alpha and IGF-1 on trans-endothelial passage of synthetic vectors through an in vitro vascular endothelial barrier of striated muscle

Gene Therapy (2017) 24 (7) 416-424

Abstract

Gaspar, V. M. Cruz, C. Queiroz, J. A. Pichon, C. Correia, I. J. Sousa, F. (2017)

Highly selective capture of minicircle DNA biopharmaceuticals by a novel zinc-histidine peptide conjugate

Separation and Purification Technology (2017) 174, 417-424

Abstract

Deraredj Nadim, W., Simion, V., Bénédicti, H., Pichon, C., Baril, P. and Morisset-Lopez, S. (2017)

MicroRNAs in Neurocognitive Dysfunctions : New Molecular Targets for Pharmacological Treatments ?

Current Neuropharmacology (2017) 15 (2) 260-275

Abstract

Bruhat, A. Chaveroux, C. Carraro, V. Jousse, C. Averous, J. Maurin, A. C. Parry, L. Mesclon, F. Muranishi, Y. Baril, P. Do Thi, A. Ravassard, P. Mallet, J. Fafournoux, P. (2017)

[Tuning transgene expression with an artificial diet : a compelling resource in gene therapy](#)

Medicine Sciences (2017) 33 (2) 136-139

Simion, V., Deraredj Nadim, W., Benedetti, H., Pichon, C., Morisset-Lopez, S. and Baril, P. (2017)

[Pharmacomodulation of microRNA expression in neurocognitive diseases : obstacles and future opportunities](#)

Current Neuropharmacology (2017) 15 (2) 276-290

Abstract

2016 Références trouvées : 19

Berchel M., Lozach O., Berthe W., Hernot S., Couthon-Gourves H., Mottais A., Le Gall T., Midoux P., Montier T. and Jaffres P. A. (2016)

[Synthetic phospholipids and phospho-bola-amphiphiles for nucleic acid delivery](#)

Phosphorus Sulfur and Silicon and the Related Elements (2018) 191 (11-12) 1485-1487

Abstract

Wiedemann A., Mijouin L., Ayoub M. A., Barilleau E., Canepa S., Teixeira-Mechin A. P., Le Vern Y., Rosselin M., Reiter E. and Velge P. (2016)

[Identification of the epidermal growth factor receptor as the receptor for Salmonella Rck-dependent invasion.](#)

FASEB Journal (2016) 30, 4180-4191.

Abstract

Chaveroux C., Bruhat A., Carraro V., Jousse C., Averous J., Maurin A. C., Parry L., Mesclon F., Muranishi Y., Cordelier P., Meulle A., Baril P., Do Thi A., Ravassard P., Mallet J. and Fafournoux P. (2016)

[Regulating the expression of therapeutic transgenes by controlled intake of dietary essential amino acids.](#)

Nature biotechnology (2016) 34, 746-751.

Abstract

Bingula R., Dupuis C., Pichon C., Berthon J. Y., Filaire M., Pigeon L. and Filaire E. (2016)

[Study of the Effects of Betaine and/or C-Phycocyanin on the Growth of Lung Cancer A549 Cells In Vitro and In Vivo.](#)

Journal of Oncology (2016) Article ID 8162952.

Abstract

Ahmad J., Akhter S., Khan M. A., Wahajuddin M., Greig N. H., Kamal M. A., Midoux P. and Pichon C. (2016)

[Engineered Nanoparticles Against MDR in Cancer : The State of the Art and its Prospective.](#)

Current Pharmaceutical Design (2016) 22, 4360-4373.

Abstract

Verhoeyen E., Gomez S., Galy A., Ayuso E., Midoux P., Puceat M. and Vassaux G., Cordelier P. (2016)

[Twelfth Annual Meeting of the French Society of Cell and Gene Therapy](#)

Human Gene Therapy Methods (2016) 27 (7) 555-558 - doi : 10.1089/hum.2016.29031.eve
Pigeon, L. Goncalves, C. Pichon, C. Midoux, P. (2016)

[Evidence for plasmid DNA exchange after polyplex mixing](#)

Soft Matter (2016) 12 (33) 701-709 - doi : 10.1039/c6sm00575f

Abstract

Goncalves, C. Akhter, S. Pichon, C. Midoux, P. (2016)

[Intracellular Availability of pDNA and mRNA after Transfection : A Comparative Study among Polyplexes, Lipoplexes, and Lipopolyplexes](#)

Molecular Pharmaceutics (2016) 13 (9) 3153-3163 - doi :
10.1021/acs.molpharmaceut.6b00376

Abstract

Anwar M., Akhter S., Mallick N., Mohapatra S., Zafar S., Rizvi M. M. A., Ali A. and Ahmada F. J. (2016)

[Enhanced anti-tumor efficacy of paclitaxel with PEGylated lipidic nanocapsules in presence of curcumin and poloxamer : In vitro and in vivo studies](#)

Pharmacological Research (2016) 113, 146-165

Abstract

Akhter S., Anwar M., Siddiqui M. A., Ahmad I., Ahmad J., Ahmad M. Z., Bhatnagar A. and Ahmad F. J. (2016)

[Improving the topical ocular pharmacokinetics of an immunosuppressant agent with mucoadhesive nanoemulsions : Formulation development, in-vitro and in-vivo studies.](#)

Colloids and Surfaces B : Biointerfaces (2016) 148, 19-29

Abstract

Thibault T., Degrouard J., Baril P., Pichon C., Midoux P. and Malinge J.-M. (2016)

Production of DNA minicircles less than 250 base pairs through a novel concentrated DNA circularization assay enabling minicircle design with NF-kappaB inhibition activity

Nucleic acids research (2016) 45, e26 - doi : 10.1093/nar/gkw1034

Abstract

Barbeau J., Lemiègre L., Quelen A., Malard V., Gao H., Gonçalves C., Berchel M., Jaffrès P.-A., Pichon C., Midoux P. and Benvegno T. (2016)

Synthesis of a trimannosylated-equipped archaeal diether lipid for the development of novel glycoliposomes

Carbohydrate Research (2016) 435, 142-148 - doi : 10.1016/j.carres.2016.10.003

Abstract

Gaut L., Robert N., Delalande A., Bonnin M.-A., Pichon C. and Duprez D. (2016)

EGR1 Regulates Transcription Downstream of Mechanical Signals during Tendon Formation and Healing

PLoS ONE (2016) 11 (11) e0166237 - doi : 10.1371/journal.pone.0166237.t001

Abstract

Leduc C., Sobilo L., Toumi H., Mondon P., Lespessailles E., Ossant F., Kurfürst R. and Pichon C. (2016)

TGF-beta induced early gene-1 overexpression promotes oxidative stress protection and actin cytoskeleton rearrangement in human skin fibroblasts

Biochimica Et Biophysica Acta (2016) 1860 (6) 1071-1078 - doi : 10.1016/j.bbagen.2016.02.009

Abstract

Demoulin T., Milona P., Englezou P. C., Ebensen T., Schulze K., Suter R., Pichon C., Midoux P., Guzman C. A., Ruggli N. and McCullough K. C. (2016)

Polyethylenimine-based polyplex delivery of self-replicating RNA vaccines

Nanomedicine-Nanotechnology, Biology and Medicine (2016) 12 (3) 711-722 - doi : 10.1016/j.nano.2015.11.001

Abstract

Vassaux G., Angelova A. L., Rommelaere J., Baril P., Midoux P. and Cordelier P. (2016)

The promise of gene therapy for pancreatic cancer

Human Gene Therapy Methods (2016) 27 (2) 127-133 - doi : 10.1089/hum.2015.141

Abstract

Manta S., Delalande A., Bessodes M., Bureau M. F., Scherman D., Pichon C. and Mignet N. (2016)

Shell Microbubbles with Tunable Resistive Pulse Sensing (TRPS) Method : A Technical Note

Ultrasound in medicine & biology (2016) 42 (2) 624-630 - doi : 10.1016/j.ultrasmedbio.2015.10.010

Abstract

Ben Halima, N. Khemakhem, B. Fendri, I. Ogata, H. Baril, P. Pichon, C. and Abdelkafi, S. (2016)

Identification of a new oat beta-amylase by functional proteomics

Biochimica Et Biophysica Acta - Biomembranes (2016) 1864, 52-61 - doi : 10.1016/j.bbapap.2015.10.001

Abstract

Baril, P. and Pichon, C. (2016)

Positive Bioluminescence Imaging of MicroRNA Expression in Small Animal Models Using an Engineered Genetic-Switch Expression System, RILES

Methods in molecular biology (2016) 1372, 193-208 - doi : 10.1007/978-1-4939-3148-4_15

Abstract

2015 Références trouvées : 14

Rahman M., Akhter S., Ahmad M. Z., Ahmad J., Addo R. T., Ahmad F. J. and Pichon C. (2015)

Emerging advances in cancer nanotheranostics with graphene nanocomposites : opportunities and challenges

Nanomedicine (2015) 10 (15) 2405-2422 - doi : 10.2217/nmm.15.68

Abstract

Jazwa A., Stoszko M., Tomczyk M., Bukowska-Strakova K., Pichon C., Jozkowicz A. and Dulak J. (2015)

HIF-regulated HO-1 gene transfer improves the post-ischemic limb recovery and diminishes TLR-triggered immune responses - Effects modified by concomitant VEGF overexpression

Vascular Pharmacology (2015) 71, 127-138 - doi : 10.1016/j.vph.2015.02.011

Abstract

Gaspar V. M., Moreira A. F., Costa E. C., Queiroz J. A., Sousa F., Pichon C. and Correi I. J. (2015)

Gas-generating TPGS-PLGA microspheres loaded with nanoparticles (NIMPS) for co-delivery of minicircle DNA and anti-tumoral drugs

Colloids and Surfaces B-Biointerfaces (2015) 134, 287-294 - doi :
10.1016/j.colsurfb.2015.07.004

Abstract

Gaspar V. M., Baril P., Costa E. C., de Melo-Diogo D., Foucher F., Queiroz J. A., Sousa F., Pichon C. and Correia I. J. (2015)

[Bio-reducible poly\(2-ethyl-2-oxazoline\)-PLA-PEI-SS triblock copolymer micelles for co-delivery of DNA minicircles and Doxorubicin](#)

Journal of Controlled Release (2015) 213, 175-191 - doi : 10.1016/j.jconrel.2015.07.011

Abstract

Delalande A., Leduc C., Midoux P., Postema M. and Pichon C. (2015)

[Efficient Gene Delivery by Sonoporation Is Associated with Microbubble Entry into Cells and the Clathrin-Dependent Endocytosis Pathway](#)

Ultrasound in medicine & biology (2015) 41 (7) 1913-1926 - doi :
10.1016/j.ultrasmedbio.2015.03.010

Abstract

Delalande A., Gosselin M.-P., Suwalski A., Guilmain W., Leduc C., Berchel M., Jaffres P.-A., Baril P., Midoux P. and Pichon C. (2015)

[Enhanced Achilles tendon healing by fibromodulin gene transfer](#)

Nanomedicine (2016) 11 (7) 1735-1744 - doi : 10.1016/j.nano.2015.05.004

Abstract

Belmadi N., Midoux P., Loyer P., Passirani C., Pichon C., Le Gall T., Jaffres P.-A., Lehn P., Montier T. (2015)

[Synthetic vectors for gene delivery : An overview of their evolution depending on routes of administration](#)

Biotechnology Journal (2015) 10 (9) 1370-1389 - doi : 10.1002/biot.201400841

Abstract

Wytrwal M., Leduc C., Sarna M., Goncalves C., Kepczynski M., Midoux P., Nowakowska M., Pichon C. (2015)

[Gene delivery efficiency and intracellular trafficking of novel poly\(allylamine\) derivatives](#)

International Journal of Pharmaceutics (2015) 478 (1) 372-382 - doi :
10.1016/j.ijpharm.2014.11.053

Abstract

Rasolonjatovo B., Gomez J. P., Mème W., Goncalves C., Huin C., Bennevault-Celton V., Le Gall T., Montier T., Lehn P., Cheradame H., Midoux P., Guegan P. (2015)

[Poly\(2-methyl-2-oxazoline\)-b-poly\(tetrahydrofuran\)-b-poly\(2-methyl-2-oxazoline\) Amphiphilic Triblock Copolymers : Synthesis, Physicochemical Characterizations, and Hydrosolubilizing Properties](#)

Biomacromolecules (2015) 16 (3) 748-756 - doi : 10.1021/bm5016656

[Abstract](#)

Midoux P., Pichon C. (2015)

[Lipid-based mRNA vaccine delivery systems](#)

Expert Review of Vaccines (2015) 14 (2) 221-234 - doi : 10.1586/14760584.2015.986104

[Abstract](#)

Gaspar V., de Melo-Diogo D., Costa E., Moreira, A., Queiroz J., Pichon C., Correia I., Sousa F. (2015)

[Minicircle DNA vectors for gene therapy : advances and applications](#)

Expert opinion on biological therapy (2015) 15 (3) 353-379 - doi : 10.1517/14712598.2015.996544

[Abstract](#)

Ben Halima, N. Borchani, M. Fendri, I. Khemakhem, B. Gosset, D. Baril, P. Pichon, C. Ayadi, M. A. Abdelkafi, S (2015)

[Optimised amylases extraction from oat seeds and its impact on bread properties](#)

International journal of biological macromolecules (2015) 72 1213-1221 - doi : 10.1016/j.ijbiomac.2014.10.018

[Abstract](#)

Baril P., Ezzine S., Pichon C. (2015)

[Monitoring the Spatiotemporal Activities of miRNAs in Small Animal Models Using Molecular Imaging Modalities](#)

International Journal of Molecular Sciences (2015) 16 (3) 4947-4972 - doi : 10.3390/ijms16034947

[Abstract](#)

Gaspar, V. M., Costa, E. C., Queiroz, J. A., Pichon, C., Sousa, F. and Correia, I. J. (2015)

[Folate-Targeted Multifunctional Amino Acid-Chitosan Nanoparticles for Improved Cancer Therapy](#)

Pharmaceutical Research (2015) 32 (2) 562-577 - doi :10.1007/s11095-014-1486-0

[Abstract](#)

2014 Références trouvées : 14

Goncalves C., Gross F., Guegan P., Cheradame H., Midoux P. (2014)

[A robust transfection reagent for the transfection of CHO and HEK293 cells and production of recombinant proteins and lentiviral particles - PTG1](#)

Biotechnology journal (2014) 9 (11) 1380-1388 - doi : 10.1002/biot.201400324

Abstract

Montier, T., Pichon, C., Blondel, M. and Midoux, P. (2014)

[Editorial : Current status and prospects on nucleic acid transfer](#)

Biotechnology Journal (2014) 9 (11) 1363-1364 - doi : 10.1002/biot.201300510

Ben Halima, N., Ben Slima, A., Moalla, I., Fetoui, H., Pichon, C., Gdoura, R. and Abdelkafi, S. (2014)

[Protective effects of oat oil on deltamethrin-induced reprotoxicity in male mice](#)

Food Funct (2014) 5 (9) 2070 - 2077 - doi : 10.1039/c4fo00190g

Abstract

Gaspar, V. M., Goncalves, C., de Melo-Diogo, D., Costa, E. C., Queiroz, J. A., Pichon, C., Sousa, F. and Correia, I. J. (2014)

[Poly\(2-ethyl-2-oxazoline\)-PLA-g-PEI amphiphilic triblock micelles for co-delivery of minicircle DNA and chemotherapeutics](#)

J Control Release (2014) 189 90-104 - doi : 10.1016/j.jconrel.2014.06.040

Abstract

Mahindhoratep, S., Bouda, H. A., El Shafey, N., Scherman, D., Kichler, A., Pichon, C., Midoux, P., Mignet, N. and Bureau, M. F. (2014)

[NF- \$\kappa\$ B related transgene expression in mouse tibial cranial muscle after pDNA injection followed or not by electrotransfer](#)

Biochim Biophys Acta 1840 (11) 3257-3263 - doi : 10.1016/j.bbagen.2014.06.013

Abstract

Xia, M., Gonzalez, P., Li, C.Y., Meng, G., Jiang, A.Q., Wang, H.W., Gao, Q., Debatin, K.M., Beltinger, C. and Wei, J.W. (2014)

[Mitophagy Enhances Oncolytic Measles Virus Replication by Mitigating DDX58/RIG-I-Like Receptor Signaling](#)

Journal of Virology (2014) 88 (9) 5152-5164 - doi : 10.1128/jvi.03851-13

Abstract

Tertil, M., Skrzypek, K., Florczyk, U., Weglarczyk, K., Was, H., Collet, G., Guichard, A., Gil, T., Kuzdzal, J., Jozkowicz, A., Kieda, C., Pichon, C. and Dulak, J. (2014)

[Regulation and Novel Action of Thymidine Phosphorylase in Non-Small Cell Lung Cancer : Crosstalk with Nrf2 and HO-1](#)

PloS One (2014) 9 (5) e97070 - doi : 10.1371/journal.pone.0097070

Abstract

Maury, B., Goncalves, C., Tresset, G., Zeghal, M., Cheradame, H., Guegan, P., Pichon, C. and Midoux, P. (2014)

Influence of pDNA availability on transfection efficiency of polyplexes in non-proliferative cells

Biomaterials (2014) 35 (22) 5977-5985 - doi : 10.1016/j.biomaterials.2014.04.007

Abstract

Kasparkova, J. Thibault, T.Kostrhunova, H., Stepankova, J., Vojtiskova, M., Muchova, T., Midoux, P., Malinge, J.M. and Brabec, V. (2014)

Different affinity of nuclear factor-kappa B proteins to DNA modified by antitumor cisplatin and its clinically ineffective trans isomer

Febs Journal (2014) 281 (5) 1393-1408 - doi : 10.1111/febs.12711

Abstract

Gaspar, V. M. Maia, C. J. Queiroz, J. A. Pichon, C. Correia, I. J. Sousa, F. (2014)

Improved minicircle DNA biosynthesis for gene therapy applications

Human Gene Therapy Methods (2014) 25 (2) 93-105 - doi : 10.1089/hgtb.2013.020

Abstract

Brevet, D., Hocine, O., Delalande, A., Raehm, L., Charnay, C., Midoux, P., Durand, J.O. and Pichon, C. (2014)

Improved gene transfer with histidine-functionalized mesoporous silica nanoparticles

International Journal of Pharmaceutics (2014) 471 (1-2) 197-205 - doi : 10.1016/j.ijpharm.2014.05.020

Abstract

Majhen D., Stojanovic N., Vukic D., Pichon C., Leduc C., Osmak M. and Ambriovic-Ristov A. (2014)

Increased Adenovirus Type 5 Mediated Transgene Expression Due to RhoB Down-Regulation

PLoS One 9 (1) e86698 - doi : 10.1371/journal.pone.0086698

Abstract

Maurel, D. B. Benaitreau, D. Jaffre, C. Toumi, H. Portier, H. Uzbekov, R. Pichon, C. Benhamou, C. L. Lespessailles, E. Pallu, S. (2014)

Effect of the alcohol consumption on osteocyte cell processes : a molecular imaging study

Journal of cellular and molecular medicine (2014) 969 247-274 - doi : 10.1007/978-1-62703-260-5_16

Abstract

Goncalves C., Berchel M., Gosselin M.P., Malard V., Cheradame H., Jaffres P.A., Guegan P., Pichon C. and Midoux P. (2014)

[Lipopolyplexes comprising imidazole/imidazolium lipophosphoramidate, histidinylated polyethyleneimine and siRNA as efficient formulation for siRNA transfection](#)

International journal of pharmaceutics (2014) 460 (1-2) 264-272 - doi :
10.1016/j.ijpharm.2013.11.005

[Abstract](#)

2013 Références trouvées : 15

Maurel D. B., Benaitreau D., Jaffre C., Toumi H., Portier H., Uzbekov R., Pichon C., Benhamou C. L., Lespessailles E. and Pallu S. (2013)

[Effect of the alcohol consumption on osteocyte cell processes : a molecular imaging study](#)

Journal of Cellular and Molecular Medicine (2013) 18 (8) 1680-1693 - doi :
10.1111/jcmm.12113

[Abstract](#)

Félix R., Crottès D., Delalande A., Fauconnier J., Lebranchu Y., Le Guennec J.-Y., Velge-Roussel F. (2013)

[The Orai-1 and STIM-1 Complex Controls Human Dendritic Cell Maturation](#)

PLoS One (2013) 8 (5) - doi : 10.1371/journal.pone.0061595

[Abstract](#)

Pichon C. and Midoux P. (2013)

[Mannosylated and histidylated LPR technology for vaccination with tumor antigen mRNA](#)

Methods in molecular biology (Clifton, N.J.) (2013) 969 247-274 - doi : 10.1007/978-1-62703-260-5_16

[Abstract](#)

Orio J., Bellard E., Baaziz H., Pichon C., Mouritzen P., Rols M.P., Teissie J., Golzio M. and Chabot S. (2013)

[Sub-cellular temporal and spatial distribution of electrotransferred LNA/DNA oligomer](#)

Journal of RNAi and gene silencing : an international journal of RNA and gene targeting research (2013) 9 479-485

[Abstract](#)

Krolikiewicz-Renimel, I. Michel, T. Destandau, E. Reddy, M. Andre, P. Elfakir, C. Pichon, C. (2013)

Protective effect of a *Butea monosperma* (Lam.) Taub. flowers extract against skin inflammation : antioxidant, anti-inflammatory and matrix metalloproteinases inhibitory activities

Journal of ethnopharmacology (2013) 148 (2) 537-543 - doi : 10.1016/j.jep.2013.05.001

Abstract

Gaspar V.M., Cruz C., Queiroz J.A., Pichon C., Correia I.J. and Sousa F. (2013)

Sensitive detection of peptide-minicircle DNA interactions by surface plasmon resonance

Analytical chemistry (2013) 85 (4) 2304-2311 - doi : 10.1021/ac303288x

Abstract

Dubois A.V., Midoux P., Gras D., Si-Tahar M., Brea D., Attucci S., Khelloufi M.K., Ramphal R., Diot P., Gauthier F. and Herve V. (2013)

Poly-L-Lysine compacts DNA, kills bacteria, and improves protease inhibition in cystic fibrosis sputum

American journal of respiratory and critical care medicine (2013) 188 (6) 703-709 - doi : 10.1164/rccm.201305-0912OC

Abstract

Delalande A., Kotopoulis S., Postema M., Midoux P. and Pichon C. (2013)

Sonoporation : mechanistic insights and ongoing challenges for gene transfer

Gene (2013) 525 (2) 191-199 - doi : 10.1016/j.gene.2013.03.095

Abstract

Berchel M., Le Corre S., Le Gall T., Couthon-Gourvès H., Haelters J.P., Midoux P., Montier T., Lehn P. and Jaffrès P.A. (2013)

Trimethylarsonium-Based Cationic Phospholipids for Gene Delivery

Phosphorus, Sulfur, and Silicon and the Related Elements (2013) 188 (1-2) 91-94 - doi : 10.1080/10426507.2012.741161

Abstract

Bire S., Gosset D., Jegot G., Midoux P., Pichon C. and Rouleux-Bonnin F. (2013)

Exogenous mRNA delivery and bioavailability in gene transfer mediated by piggyBac transposition

BMC Biotechnology (2013) 13 (1) 75 - doi : 10.1186/1472-6750-13-75

Abstract

Gomez J.P., Pichon C. and Midoux P. (2013)

Ability of plasmid DNA complexed with histidinylated IPEI and IPEI to cross in vitro lung and muscle vascular endothelial barriers

Gene (2013) 525 (2) 182-190 - doi : 10.1016/j.gene.2013.03.055

Abstract

Sedletska, Y. Culard, F. Midoux, P. and Malinge, J. M. (2013)

[Interaction studies of muts and mutl with DNA containing the major cisplatin lesion and its mismatched counterpart under equilibrium and nonequilibrium conditions](#)

Biopolymers 99 (9) 636-647

Abstract

Ezzine, S., Vassaux, G., Pitard, B., Barteau, B., Malinge, J. M., Midoux, P., Pichon, C. and Baril, P. (2013)

[RILES, a novel method for temporal analysis of the in vivo regulation of miRNA expression](#)

Nucleic Acids Res - 1-14 - doi : 10.1093/nar/gkt797

Abstract

Pigeon L., Gonçalves C., Gosset D., Pichon C., Midoux P. (2013)

[An E3-14.7K peptide that promotes microtubules-mediated transport of plasmid DNA increases polyplexes transfection efficiency](#)

Small 2013 - doi : 10.1002/smll.201300217

Abstract

Lacerda, S., Bonnet, C.S., Pallier, A., Villette, S., Foucher, F., Westall, F., Buron, F., Suzenet, F., Pichon, C., Petoud, S. and Tóth, E. (2013)

[Lanthanide-Based, Near-Infrared Luminescent and Magnetic Lipoparticles : Monitoring Particle Integrity](#)

Small (2013) 9 (16) 2662-2666 - doi : 10.1002/smll.201201923

Abstract

2012 Références trouvées : 7

Rudd, L. Pichon, C. and Delalande, A. (2012)

[Ultrasound and microbubbles assisted-gene transfer : what is next ?](#)

Ultraschall in der Medizin (2014) 22 (4) 391-393

Abstract

Berchel, M., Le Gall, T., Couthon-Gourvès, H., Haelters, J.P., Montier, T., Midoux, P., Lehn, P. and Jaffrès, P.A. (2012)

[Lipophosphate/lipophosphoramidates : A family of synthetic vectors efficient for gene delivery](#)

Biochimie 94 (1) 33-41

Abstract

Delalande, A., Postema, M., Mignet, N., Midoux, P., and Pichon, C. (2012)

Ultrasound and microbubble-assisted gene delivery : recent advances and ongoing challenges

Ther Deliv. 3 (10) 1199-1215

Abstract

Godin, F., Villette, S., Vallée, B., Doudeau, M., Morisset-Lopez, S., Ardourel, M., Hevor, T., Pichon, C. and Bénédicti, B. (2012)

A fraction of neurofibromin interacts with PML bodies in the nucleus of the CCF astrocytoma cell line

Biochemical and Biophysical Research Communications 418 (4) 689-694

Abstract

Billiet L., Gomez J.P., Berchel M., Jaffrès P.A., Le Gall T., Montier T., Bertrand E., Cheradame H., Guégan P., Mével M., Pitard B., Benvegna T., Lehn P., Pichon C. and Midoux P. (2012)

Gene transfer by chemical vectors, and endocytosis routes of polyplexes, lipoplexes and lipopolyplexes in a myoblast cell line

Biomaterials 33 (10) 2980-2990

Abstract

Bonnet, CS, Buron, F, Caillé, F, Shade, CM, Drahoš, B, Pellegatti, L, Zhang, J, Villette, S, Helm, L, Pichon, C, Suzenet, F, Petoud, S. & Tóth E. (2012)

Pyridine-Based Lanthanide Complexes Combining MRI and NIR Luminescence Activities

Chemistry - a european journal 18 (5) 1419-1431

Abstract

Perche, F. Lambert, O. Berchel, M. Jaffrès, P.A. Pichon, C. Midoux, P. (2012)

Gene transfer by histidylated lipopolyplexes : A dehydration method allowing preservation of their physicochemical parameters and transfection efficiency

International Journal of Pharmaceutics 423 (1) 144-150

Abstract

2011 Références trouvées : 12

Delalande, A. ; Bouakaz, A. ; Renault, G. ; Tabareau, F. ; Kotopoulis, S. ; Midoux, P. ; Arbeille, B. ; Uzbekov, R. ; S., C. ; Postema, M. and Pichon, C. (2011)

Ultrasound and microbubble-assisted gene delivery in Achilles tendons : long lasting gene expression and restoration of fibromodulin KO phenotype

Journal of Controlled Release 2011, 156, (2), 223-230

Abstract

Breton, M. ; Berret, J. F. ; Bourgaux, C. ; Kral, T. ; Hof, M. ; Pichon, C. ; Bessodes, M. ; Scherman, D. and Mignet, N. (2011)

Protonation of Lipids Impacts the Supramolecular and Biological Properties of Their Self-Assembly

Langmuir 27 (20) 12336-12345

Abstract

Bertrand, E. ; Goncalves, C. ; Billiet, L. ; Gomez, J. P. ; Pichon, C. ; Cheradame, H. ; Midoux, P. and Guégan, P (2011)

Histidinylated linear PEI : a new efficient non-toxic polymer for gene transfer

Chem. Commun. 47 (46) 12547-12549

Abstract

Berchel, M. ; Haelters, J. P. ; Couthon-Gourves, H. ; Deschamps, L. ; Midoux, P. ; Lehn, P. ; Jaffres, P. A. (2011)

Modular Construction of Fluorescent Lipophosphoramidates by Click Chemistry

European Journal of Organic Chemistry 2011 (31) 6294-6303

Abstract

Bennevault-Celton, V. ; Urbach, A. ; Martin, O. ; Pichon C. ; Guégan, P. and Midoux, P. (2011)

Supramolecular Assemblies of Histidinylated α -Cyclodextrin in the Presence of DNA Scaffold during CDplexes Formation

Bioconjugate Chemistry 22 (12) 2404-2414

Abstract

Baril, P. ; Touchefeu, Y. ; Cany, J. ; Cherel, Y. ; Thorne, S. H. ; Tran, L. ; Conchon, S. and Vassaux, G. (2011)

Differential biodistribution of oncolytic poxvirus administered systemically in an autochthonous model of hepatocellular carcinoma

The Journal of Gene Medicine (2011) 13 (12) 692-701

Abstract

Maurel, D. B., Jaffre, C., Rochefort, G. Y., Aveline, P. C., Boisseau, N., Uzbekov, R., Gosset, D., Pichon, C., Fazzalari, N. L., Pallu, S. & Benhamou, C. L. (2011)

Low bone accrual is associated with osteocyte apoptosis in alcohol-induced osteopenia.

Bone 49 (3) 543-552

Abstract

Perche, F., Benvegna, T., Berchel, M., Lebègue, L., Pichon, C., Jaffrès, P.-A. & Midoux, P., (2011)

Enhancement of dendritic cells transfection in vivo and of vaccination against B16F10 melanoma with mannosylated histidylated lipopolyplexes loaded with tumor antigen messenger RNA

Nanomedicine : Nanotechnology, Biology and Medicine 7 (4) 445-453
Jaffres, P. A., Fraix, A., Lorilleux, C., Berchel, M., Couthon-Gourves, H., Haelters, J. P., Yaouanc, J. J., Burel, L., Giamarchi, P., Midoux, P., Montier, T. & Lehn, P. (2011)

New lipo-phosphoramidates for gene delivery

Phosphorus Sulfur and Silicon and the Related Elements 186 (4) 918-920
Doucet, J. Briki, F. Gourrier, A. Pichon, C. Gumez, L. Bensamoun, S. & Sadoc, J. F. (2011)

Modeling the lateral organization of collagen molecules in fibrils using the paracrystal concept

Journal of Structural Biology 173 (2) 197-201
Delalande, A. Kotopoulis, S. Rovers, T. Pichon, C. & Postema, M. (2011)

Sonoporation at low mechanical index

Bubbles Science Engineering and Technology - 3 (1) 3-12
Perche, F., Gosset, D., Mével, M., Miramon, M.-L., Yaouanc, J.J., Pichon, C., Benvegna, T., Jaffrès, P.A. & Midoux, P. (2011)

Selective delivery in dendritic cells with Mannosylated and Histidylated Lipopolyplexes.

J. Drug Target. 19 (5) 315-325

2010 Références trouvées : 8

Gumez, L. Bensamoun, S. F. Doucet, J. Haddad, O. Hawse, J. R. Subramaniam, M. Spelsberg, T. C. & Pichon, C. (2010)

Molecular structure of tail tendon fibers in TIEG1 knockout mice using synchrotron diffraction technology.

Journal of Applied Physiology - 108 (6) 1706-1710
Kaddur, K., Lebegue, L., Tranquart, F., Midoux, P., Pichon, C. and Bouakaz, A. (2010)

Transient transmembrane release of green fluorescent proteins with sonoporation.

IEEE Trans Ultrason Ferroelectr. Freq. Control. 57, 1558-1567.

Pichon, C., Billiet, L. and Midoux, P. (2010)

[Chemical vectors for gene delivery : uptake and intracellular trafficking.](#)

Curr. Opin. 21 (5) 640-645

Sacquin-Mora, S., Delalande, O. & Baaden, M. (2010)

[Functional modes and residue flexibility control the anisotropic response of Guanylate Kinase to mechanical stress](#)

Biophysical Journal (2010) 99 (10) : 3412-3419 - doi : 0.1016/j.bpj.2010.09.026

Abstract

Suwalski, A., Dabboue, H., Delalande, A., Bensamoun, S., Canon, F., Midoux, P., Saillant, G., Klatzmann, D., Salvétat, J. & Pichon, C. (2010)

[Accelerated Achilles tendon healing by PDGF gene delivery with mesoporous silica nanoparticles.](#)

Biomaterials 31, 5237-5245.

Fisichella, M., Dabboue, H., Bhattacharyya, S., Lelong, G., Warmont, F., Midoux, P., Pichon, C., Guérin, M., Hevor, T. and Salvétat, J.-P. (2010)

[Uptake of Functionalized Mesoporous Silica Nanoparticles by Human Cancer Cells.](#)

J. Nanosci. Nanotechnol. 10 (4) : 2314-2324

Delalande, A., Bureau, M.F., Midoux, P., Bouakaz, A. & Pichon, C. (2010)

[Ultrasound-assisted microbubbles gene transfer in tendons for gene therapy.](#)

Ultrasonics 50, 269-272.

Breton, M., Leblond, J., Seguin, J., Midoux, P., Schermani, D., Herscovici, J., Pichon, C. & Mignet, N. (2010)

[Comparative gene transfer between cationic and thiourea lipoplexes.](#)

J. Gene Med. 12, 45-54.

2009 Références trouvées : 3

Bure, C., Pichon, C. & Midoux, P. (2009)

[Involvement of histidines 11, 15 and 19 in the binding of zinc to the fusogenic H5WYG peptide](#)

(2009) J Mass Spectrom 44, 1163-1170.

Midoux, P., Pichon, C., Yaouanc, J.J. & Jaffres, P.A. (2009)

Chemical vectors for gene delivery : a current review on polymers, peptides and lipids containing histidine or imidazole as nucleic acids carriers.

Br. J. Pharmacol. 157, 166-178.

Goncalves, C., Ardourel, M.Y., Decoville, M., Breuzard, G., Midoux, P., Hartmann, B. & Pichon, C. (2009)

An optimized extended DNA kappa B site that enhances plasmid DNA nuclear import and gene expression.

J. Gene Med. 11, 401-411.

2008 Références trouvées : 8

Pichon, C., Kaddur, K., Midoux, P., Tranquart, F. & Bouakaz, A. (2008)

Recent advances in gene delivery with ultrasound and microbubbles.

J. Exp. Nanosci. 3, 17-40.

Midoux, P., Breuzard, G., Gomez, J.P. & Pichon, C. (2008)

Polymer-Based Gene Delivery : A Current Review on the Uptake and Intracellular Trafficking of Polyplexes.

Curr. Gene Ther. 8, 335-352.

Mevel, M., Neveu, C., Goncalves, C., Yaouanc, J.J., Pichon, C., Jaffres, P.A. & Midoux, P. (2008)

Novel neutral imidazole-lipophosphoramides for transfection assays.

Chem. Commun. 27, 3124-3126 (hot article le 08 juillet 2008).

Mevel, M., Breuzard, G., Yaouanc, J.J., Clement, J.C., Lehn, P., Pichon, C., Jaffres, P.A. & Midoux, P. (2008)

Synthesis and transfection activity of new cationic phosphoramidate lipids : High efficiency of an imidazolium derivative.

ChemBioChem 9, 1462-1471.

Lopez-Crapez, E., Malinge, J.M., Gatchitch, F., Casano, L., Langlois, T., Pugniere, M., Roquet, F., Mathis, G. & Bazin, H. (2008)

A homogeneous resonance energy transfer-based assay to monitor MutS/DNA interactions.

Anal. Biochem. 383, 301-306.

Castellano-Castillo, M., Kosthrunova, H., Marini, V., Kasparikova, J., Sadler, P.J., Malinge, J.M. & Brabec, V. (2008)

Binding of mismatch repair protein MutS to mispaired DNA adducts of intercalating ruthenium(II) arene complexes.

J. Biol. Inorg. Chem. 13, 993-999.

Breuzard, G., Tertit, M., Goncalves, C., Cheradame, H., Geguan, P., Pichon, C. & Midoux, P. (2008)

Nuclear delivery of N kappa B-assisted DNA/polymer complexes : plasmid DNA quantitation by confocal laser scanning microscopy and evidence of nuclear polyplexes by FRET imaging.

Nucleic Acids Res. 36, 12, e71.

Bonnet, N., Benhamou, C.L., Malaval, L., Goncalves, C., Vico, L., Eder, V., Pichon, C. & Courteix, D. (2008)

Low Dose Beta-Blocker Prevents Ovariectomy-induced Bone Loss in Rats Without Affecting Heart Functions.

J. Cell Physiol. 217, 819-827.

2007 Références trouvées : 4

Kaddur, K ; Palanchon, P ; Tranquart, F ; Pichon, C ; Bouakaz, A (2007)

Sonopermeabilization : therapeutic alternative with ultrasound and microbubbles

Journal de Radiologie 88 (11) Part 2 1777-1786

Abstract

Mockey, M ; Bourseau, E ; Chandrashekar, V ; Chaudhuri, A ; Lafosse, S ; Le Cam, E ; Quesniaux, VFJ ; Ryffel, B ; Pichon, C ; Midoux, P (2007)

mRNA-based cancer vaccine : prevention of B16 melanoma progression and metastasis by systemic injection of MART1 mRNA histidylated lipopolyplexes

Cancer Gene Therapy 14 (9) 802-814

Abstract

Breuzard, G ; Tertit, M ; Pichon, C ; Midoux, P (2007)

Intracellular trafficking and nuclear import of polyplexes by FRET coupled with cellular imaging

Human Gene Therapy 18 1048-1048

Sedletska, Y ; Fourrier, L ; Malinge, JM (2007)

Modulation of MutS ATP-dependent functional activities by DNA containing a cisplatin compound lesion (base damage and mismatch)

Journal of Molecular Biology 369 (1) 27-40

[Abstract](#)

2006 Références trouvées : 2

Mockey, M ; Goncalves, C ; Dupuy, FP ; Lemoine, FM ; Pichon, C ; Midoux, P (2006)

[**mRNA transfection of dendritic cells : Synergistic effect of ARCA mRNA capping with Poly\(A\) chains in cis and in trans for a high protein expression level**](#)

Biochemical and Biophysical Research Communications 340 (4) 1062-1068

[Abstract](#)

Mennesson, E ; Erbacher, P ; Kuzak, M ; Kieda, C ; Midoux, P ; Pichon, C (2006)

[**DNA/cationic polymer complex attachment on a human vascular endothelial cell monolayer exposed to a steady laminar flow**](#)

Journal of Controlled Release 114 (3) 389-397

[Abstract](#)

2005 Références trouvées : 3

Mennesson, E ; Erbacher, P ; Piller, W ; Kieda, C ; Midoux, P ; Pichon C (2005)

[**Transfection efficiency and uptake process of polyplexes in human lung endothelial cells : a comparative study in non-polarized and polarized cells**](#)

Journal of Gene Medicine 7 (6) 729-738

[Abstract](#)

Mennesson, E ; Erbacher, P ; Piller, V ; Kieda, C ; Midoux, P ; Pichon, C (2005)

[**Transfection efficiency and uptake process of polyplexes in human lung endothelial cells : A comparative study in non-polarized and polarized cells**](#)

Journal of Gene Medicine 7 (6) 729-738

[Abstract](#)

Malinge, JM (2005)

[**Cisplatin is a DNA-damaging antitumour compound triggering multifactorial biochemical responses in cancer cells : importance of apoptotic pathways**](#)

Current Medicinal Chemistry- Anti-Cancer Agents 5 (3) 251-265

2004 Références trouvées : 6

Kamal, A., Kumar, B.A., Arifuddin, M. and Midoux, P. (2004)

An efficient and facile nitration of phenols with nitric acid/zinc chloride under ultrasonic conditions

Ultrasonics Sonochemistry 11, 455-457.

Abstract

Elmadbouh, I ; Rossignol, P ; Meilhac, O ; Vranckx, R ; Pichon, C ; Pouzet, B ; Midoux, P ; Michel, JB (2004)

Optimization of in vitro vascular cell transfection with non-viral vectors for in vivo applications

Journal of Gene Medicine 6 (10) 1112-1124

Abstract

Singh, RS ; Goncalves, C ; Sandrin, P ; Pichon, C ; Midoux, P ; Chaudhuri, A (2004)

On the gene delivery efficacies of pH-sensitive cationic lipids via endosomal protonation : a chemical biology investigation

Chemistry & Biology 11 (6) 883-883

Montier, T ; Delepine, P ; Pichon, C ; Ferec, C ; Porteous, DJ ; Midoux, P (2004)

Non-viral vectors in cystic fibrosis gene therapy : progress and challenges

Trends in Biotechnology 22 (11) 586-592

Abstract

Kumar, VV ; Singh, RS ; Goncalves, C ; Sandrin, P ; Pichon, C ; Midoux, P ; Chaudhuri, A (2004)

New histidylated cationic lipids for DNA- and mRNA-based lipofection

Molecular Therapy 9 S258-S259 Art No. 682 Suppl. 1

Goncalves, C ; Mennesson, E ; Fuchs, R ; Gorvel, JP ; Midoux, P ; Pichon, C (2004)

Macropinocytosis of polyplexes and recycling of plasmid from clathrin-dependent pathway impair the transfection efficiency into human hepatocarcinoma cells

Molecular Therapy 9 S317-S317 Art No. 835 Suppl. 1

2003 Références trouvées : 4

Kumar, VV ; Pichon, C ; Refregiers, M ; Guerin, B ; Midoux, P ; Chaudhuri, A (2003)

Single histidine residue in head-group region is sufficient to impart remarkable gene transfection properties to cationic lipids : evidence for histidine-mediated membrane fusion at acidic pH

Gene Therapy 10 (15) 1206-1215

Abstract

Midoux, P ; LeCam, E ; Coulaud, D ; Delain, E ; Pichon, C - Editor(s) : Luo, D ; Saltzman, WM ; Luo, D ; Saltzman, WM (2003)

[Histidine containing peptides and polypeptides as nucleic acid vectors](#)

Synthetic Dna Delivery Systems 7 23-44

Madbouh, IEL ; Rossignol, P ; Midoux, P ; Michel, JB (2003)

[Optimization of primary cultured vascular cell transfection with non-viral vectors](#)

Journal of Hypertension 21 (8) A6-A6

Fourrier, L ; Brooks, P ; Malinge, JM (2003)

[Binding discrimination of MutS to a set of lesions and compound lesions \(base damage and mismatch\) reveals its potential role as a cisplatin-damaged DNA sensing protein](#)

Journal of Biological Chemistry 278 (23) 21267-21275

Abstract

2002 Références trouvées : 4

Pichon, C ; Guerin, B ; Refregiers, M ; Goncalves, C ; Vigny, P ; Midoux, P (2002)

[Zinc improves gene transfer mediated by DNA/cationic polymer complexes](#)

Journal of Gene Medicine 4 (5) 548-559

Abstract

Pichon, C ; LeCam, E ; Guerin, B ; Coulaud, D ; Delain, E ; Midoux, P (2002)

[Poly\[Lys-\(AEDTP\)\] : A cationic polymer that allows dissociation of pDNA/cationic polymer complexes in a reductive medium and enhances polyfection](#)

Bioconjugate Chemistry 13 (1) 76-82

Abstract

Goncalves, C ; Pichon, C ; Guerin, B ; Midoux, P (2002)

[Intracellular processing and stability of DNA complexed with histidylated polylysine conjugates](#)

Journal of Gene Medicine 4 (3) 271-281

Abstract

Montero, EI ; Perez, JM ; Schwartz, A ; Fuertes, MA ; Malinge, JM ; Alonso, C ; Leng, M ; Navarro-Ranninger, C (2002)

[Apoptosis induction and DNA interstrand cross-link formation by cytotoxic trans-\[PtCl₂\(NH\(CH₃\)₂\)\(NHCH\(CH₃\)₂\)\] : Cross-linking between d\(G\) and complementary d\(C\) within oligonucleotide duplexes](#)

Chembiochem 3 (1) 61-67

[Abstract](#)

2001 Références trouvées : 4

Pichon, C ; Goncalves, C ; Midoux, P (2001)

[Histidine-rich peptides and polymers for nucleic acids delivery](#)

Advanced Drug Delivery Reviews 53 (1) 75-94

[Abstract](#)

Ohan, J ; Gilbert, MA ; Leseche, G ; Panis, Y ; Midoux, P ; Drouet, L (2001)

[Nonviral gene transfer into primary cultures of human and porcine mesothelial cells](#)

In Vitro Cellular & Developmental Biology-Animal 37 (7) 402-407

[Abstract](#)

Bello Roufai, M. and Midoux, P. (2001)

[Histidylated polylysine as DNA vector : Elevation of the imidazole protonation and reduced cellular uptake without change in the polyfection efficiency of serum stabilized negative polyplexes](#)

Bioconjugate Chemistry 12 (1) 92-99

[Abstract](#)

Fourrier, L ; Malinge, JM ; Brooks, P (2001)

[Analysis of the binding of MutS to cisplatin-modified DNA](#)

Journal of Inorganic Biochemistry 86 (1) 220-220

2000 Références trouvées : 10

Dorange, F ; El Mehdaoui, S ; Pichon, C ; Coursaget, P ; Vautherot, JF (2000)

[Marek's disease virus \(MDV\) homologues of herpes simplex virus type 1 UL49 \(VP22\) and UL48 \(VP16\) genes : high-level expression and characterization of MDV-1 VP22 and VP16](#)

Journal of General Virology 81 2219-2230 Part 9

[Abstract](#)

Fajac, I ; Allo, JC ; Souil, E ; Merten, M ; Pichon, C ; Figarella, C ; Monsigny, M ; Briand, P ; Midoux, P (2000)

[Histidylated polylysine as a synthetic vector for gene transfer into immortalized cystic fibrosis airway surface and airway gland serous cells](#)

Journal of Gene Medicine 2 (5) 368-378

[Abstract](#)

Pichon, C ; Roufai, MB ; Monsigny, M ; Midoux, P (2000)

[Histidylated oligolysines increase the transmembrane passage and the biological activity of antisense oligonucleotides](#)

Nucleic Acids Research 28 (2) 504-512

[Abstract](#)

Freulon, I ; Monsigny, M ; Midoux, P ; Mayer, R (2000)

[Spacer length dependence on the efficiency of dimeric anionic peptides in gene transfer by glycosylated polylysine/plasmid complexes](#)

Bioscience Reports 20 (5) 383-398

[Abstract](#)

Allo, JC ; Midoux, P ; Merten, M ; Souil, E ; Lipecka, J ; Figarella, C ; Monsigny, M ; Briand, P ; Fajac, I (2000)

[Efficient gene transfer into human normal and cystic fibrosis tracheal gland serous cells with synthetic vectors](#)

American Journal of Respiratory Cell and Molecular Biology 22 (2) 166-175

[Abstract](#)

Malinge, JM (2000)

[Obituary : Remembering Marc Leng](#)

Metal-Based Drugs 7 (3) 165-166

Malinge, JM ; Giraud-Panis, MJ ; Leng, M (2000)

[Interstrand cross-links of cisplatin induce striking distortions in DNA \(vol 77, pg 23, 1999\)](#)

Journal of Inorganic Biochemistry 81 (1-2) 119-119

Malinge, JM ; Schwartz, A ; Leng, M (2000)

[Gel electrophoresis and bending in cisplatin-modified linear DNA](#)

Dna-Protein Interactions 25-35 - Editor(s) : Travers, A ; Buckle, M ; Travers, A ; Buckle, M Gomez, JP ; Ghisdal, P ; Morel, N (2000)

[Changes of the potassium currents in rat aortic smooth muscle cells during postnatal development](#)

Pflügers Archives 441 388-397

[Abstract](#)

Ghisdal, P ; Gomez, JP ; Morel, N (2000)

Action of a NO donor on the excitation-contraction pathway activated by noradrenaline in rat superior mesenteric artery

Journal of Physiology (London) 522 83-96.

[Abstract](#)