

Liste de publications de Karim Amighi

Ouvrages publiés en collaboration

2019

Rosiere, R., Amighi, K., & Wauthoz, N. (2019). *Nanotechnology-based targeted drug delivery systems for lung cancer: Nanomedicine-based inhalation treatments for lung cancer*.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/299261/4/BookRosiere.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/299261/3/BookRosiere.pdf>

2015

Wauthoz, N., & Amighi, K. (2015). *Pulmonary drug delivery : Advances and Challenges: Formulation strategies for pulmonary drug delivery of poorly soluble drugs*. Wiley.

Parties d'ouvrages collectifs

2015

Wauthoz, N., & Amighi, K. (2015). Formulation strategies for pulmonary delivery of poorly soluble drugs. In *Pulmonary Drug Delivery: Advances and Challenges* (pp. 87-121). Wiley. doi:10.1002/9781118799536.ch5

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/320371/3/C05.pdf>

Articles dans des revues avec comité de lecture

2022

Davenne, T., Percier, P., Larbanoix, L., Moser, M., Leo, O., Meylan, E., Goriely, S., Gérard, P., Wauthoz, N., Laurent, S., Amighi, K., & Rosiere, R. (2022). Inhaled dry powder cisplatin increases antitumour response to anti-PD1 in a murine lung cancer model. *Journal of controlled release*, 353, 317-326. doi:10.1016/j.jconrel.2022.11.055

 https://dipot.ulb.ac.be/dspace/bitstream/2013/352307/1/doi_335951.pdf

Menchi, E., El Khattabi, C., Pochet, S., Denis, O., Amighi, K., & Wauthoz, N. (2022). Optimization of Long-Acting Bronchodilator Dose Ratios Using Isolated Guinea Pig Tracheal Rings for Synergistic Combination Therapy in Asthma and COPD. *Pharmaceuticals*, 15(8). doi:https://doi.org/10.3390/ph15080963

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/346610/3/pharmaceuticals-15-00963.pdf>

2021

Gevenois, P., De Pauw, P., Schoonooghe, S., Delporte, C., Sebti, T., Amighi, K., Muyldermans, S., & Wauthoz, N. (2021). Development of Neutralizing Multimeric Nanobody Constructs Directed against IL-13: From Immunization to Lead Optimization. *Journal of immunology (Baltimore, Md. : 1950)*, 207(10), 2608-2620. doi:10.4049/jimmunol.2100250

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/339144/3/Gevenois.pdf>

Tabare, E., Glonti, T., Cochez, C., Ngassam, C., Pirnay, J.-P., Amighi, K., & Goole, J. (2021). A Design of Experiment Approach to Optimize Spray-Dried Powders Containing *Pseudomonas aeruginosa* Podoviridae and Myoviridae Bacteriophages. *Viruses*, 13(10), 1926. doi:10.3390/v13101926

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/338186/3/viruses-13-01926-v2.pdf>

Chraïbi, S., Rosiere, R., De Prez, E., Gérard, P., Antoine, M.-H., Langer, I., Nortier, J., Remmelink, M., Amighi, K., & Wauthoz, N. (2021). Preclinical tolerance evaluation of the addition of a cisplatin-based dry powder for inhalation to the conventional carboplatin-paclitaxel doublet for treatment of non-small cell lung cancer. *Biomedicine & pharmacotherapy*, 139, 111716. doi:10.1016/j.biopha.2021.111716

📄 https://dipot.ulb.ac.be/dspace/bitstream/2013/325012/1/doi_308656.pdf

Chraïbi, S., Rosiere, R., Larbanoix, L., Gérard, P., Hennia, I., Laurent, S., Vermeersch, M., Amighi, K., & Wauthoz, N. (2021). The combination of an innovative dry powder for inhalation and a standard cisplatin-based chemotherapy in view of therapeutic intensification against lung tumours. *European journal of pharmaceuticals and biopharmaceutics*, 164, 93-104. doi:10.1016/j.ejpb.2021.04.018

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/324895/3/ChraïbiEJPB.pdf>

Koubaity, M., Lechon, A.-S., Amighi, K., Van Nuffelen, M., Moreau, M., Meert, A.-P., & De Vriese, C. (2021). Drug-related problems and risk factors related to unplanned hospital readmission among cancer patients in Belgium. *Supportive care in cancer*. doi:10.1007/s00520-020-05916-w

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/319137/3/s00520-020-05916-w.pdf>

Chraïbi, S., Rosiere, R., De Prez, E., Antoine, M.-H., Remmelink, M., Langer, I., Nortier, J., Amighi, K., & Wauthoz, N. (2021). Pulmonary and renal tolerance of cisplatin-based regimens combining intravenous and endotracheal routes for lung cancer treatment in mice. *International journal of pharmaceuticals*, 599, 120425. doi:10.1016/j.ijpharm.2021.120425

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/321208/3/IJPB.pdf>

Carlier, E., Marquette, S., Peerboom, C., Amighi, K., & Goole, J. (2021). Development of mAb-loaded 3D-printed (FDM) implantable devices based on PLGA. *International journal of pharmaceuticals*, 597, 120337. doi:10.1016/j.ijpharm.2021.120337

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/320435/3/1-s2.0-S0378517321001411-main.pdf>

Carlier, E., Marquette, S., Peerboom, C., Amighi, K., & Goole, J. (2021). Development of mAb-loaded 3D-printed (FDM) implantable devices based on PLGA. *International journal of pharmaceuticals*, 597, 120337. doi:10.1016/j.ijpharm.2021.120337

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/326755/3/1-s2.0-S0378517321001411-main.pdf>

2020

Wauthoz, N., Rosiere, R., & Amighi, K. (2020). Inhaled cytotoxic chemotherapy: clinical challenges, recent developments, and future prospects. *Expert opinion on drug delivery*. doi:10.1080/17425247.2021.1829590

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/313876/3/EODD.pdf>

Van Der Westhuyzen, A. A., Ingels, A., Rosiere, R., Amighi, K., Oberer, L., Gustafson, K. K., Wang, D., Evidente, A., Maddau, L., Masi, M., De Villiers, A., Green, I. R., Berger, W., Kornienko, A., Mathieu, V., & Van Otterlo, W. W. (2020). Deciphering the chemical instability of sphaeropsidin A under physiological conditions-degradation studies and structural elucidation of the major metabolite. *Organic & biomolecular chemistry*, 18(40), 8147-8160. doi:10.1039/d0ob01586e

 https://dipot.ulb.ac.be/dspace/bitstream/2013/315357/3/Van_der_Westhuyzen_et_al_OBC_2020.pdf

2019

Ronchi, F., Sereno Guerra, A., Paide, M., Hennia, I., Sacré, P.-Y., Guillaume, G., Stéphenne, V., Goole, J., & Amighi, K. (2019). Development and evaluation of budesonide-based modified-release liquid oral dosage forms. *Journal of drug delivery science and technology*, 54, 101273. doi:10.1016/j.jddst.2019.101273

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/297122/3/Ronchi-JDDST54.pdf>

Rosiere, R., Berghmans, T., De Vuyst, P., Amighi, K., & Wauthoz, N. (2019). The position of inhaled chemotherapy in the care of patients with lung tumours: clinical feasibility and indications according to recent pharmaceutical progresses. *Cancers*, 11(329), 1-13. doi:10.3390/cancers11030329

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/285229/3/cancers-11-00329.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/285229/4/doi_268856.pdf

Arrighi, A., Marquette, S., Peerboom, C., Denis, L., Goole, J., & Amighi, K. (2019). Development of PLGA microparticles with high immunoglobulin G-loaded levels and sustained-release properties obtained by spray-drying a water-in-oil emulsion. *International journal of pharmaceutics*, 566, 291-298. doi:10.1016/j.ijpharm.2019.05.070

 https://dipot.ulb.ac.be/dspace/bitstream/2013/289668/1/Elsevier_273295.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/289668/5/Arrighi-IJP566.pdf>

Salade, L., Wauthoz, N., Goole, J., & Amighi, K. (2019). How to characterize a nasal product. The state of the art of in vitro and ex vivo specific methods. *International journal of pharmaceutics*, 561, 47-65. doi:10.1016/j.ijpharm.2019.02.026

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/284730/3/1-s2.0-S0378517319301498-main.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/284730/4/Elsevier_268357.pdf

Koubaity, M., Lelubre, M., Sansterre, G., Amighi, K., & De Vriese, C. (2019). Adaptation and validation of PCNE drug-related problem classification v6.2 in French-speaking Belgian community pharmacies. *International Journal of Clinical Pharmacy*, 41(1), 244-250. doi:10.1007/s11096-018-0773-y

 https://dipot.ulb.ac.be/dspace/bitstream/2013/289549/4/Koubaity2019_Article_AdaptationAndValidationOfPCNED.pdf

2018

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2018). Impact of capsule type on aerodynamic performance of inhalation products: A case study using a formoterol-lactose binary or ternary blend. *International journal of pharmaceutics*, 553(1-2), 47-56. doi:10.1016/j.ijpharm.2018.10.034

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/282618/5/2018IJP.pdf>

https://dipot.ulb.ac.be/dspace/bitstream/2013/282618/1/Elsevier_266245.pdf

Lelubre, M., Clerc, O., Grosjean, M., Amighi, K., De Vriese, C., Bugnon, O., & Schneider, M. P. (2018). Implementation study of an interprofessional medication adherence program for HIV patients in Switzerland: quantitative and qualitative implementation results. *BMC health services research*, 18, 874. doi:10.1186/s12913-018-3641-5

https://dipot.ulb.ac.be/dspace/bitstream/2013/279690/4/doi_263317.pdf

https://dipot.ulb.ac.be/dspace/bitstream/2013/279690/3/12913_2018_Article_3641.pdf

Lelubre, M., Clerc, O., Grosjean, M., Amighi, K., De Vriese, C., Bugnon, O., & Schneider, M. P. (2018). Implementation of an interprofessional medication adherence program for HIV patients: description of the process using the framework for the implementation of services in pharmacy. *BMC health services research*, 18, 698. doi:10.1186/s12913-018-3509-8

https://dipot.ulb.ac.be/dspace/bitstream/2013/279688/4/doi_263315.pdf

https://dipot.ulb.ac.be/dspace/bitstream/2013/279688/3/12913_2018_Article_3509.pdf

Salade, L., Wauthoz, N., Vermeersch, M., Amighi, K., & Goole, J. (2018). Chitosan-coated liposome dry-powder formulations loaded with ghrelin for nose-to-brain delivery. *European journal of pharmaceuticals and biopharmaceutics*, 129, 257-266. doi:10.1016/j.ejpb.2018.06.011

<https://dipot.ulb.ac.be/dspace/bitstream/2013/271854/3/SaladeEJPB.pdf>

https://dipot.ulb.ac.be/dspace/bitstream/2013/271854/4/Elsevier_255481.pdf

Lelubre, M., Hamdani, J., Senterre, C., Amighi, K., Peres, M., Schneider, M. P., Bugnon, O., & De Vriese, C. (2018). Evaluation of compliance with isotretinoin PPP recommendations and exploration of reasons for non-compliance: Survey among French-speaking health care professionals and patients in Belgium. *Pharmacoepidemiology and drug safety*, 27(6), 668-673. doi:10.1002/pds.4441

https://dipot.ulb.ac.be/dspace/bitstream/2013/278268/4/Lelubre_et_al-2018-Pharmacoepi_and_Drug_Safety.pdf

Rosiere, R., Hureaux, J., Levet, V., Amighi, K., & Wauthoz, N. (2018). La chimiothérapie inhalée – partie 2 : clinique et applications potentielles. *Revue des maladies respiratoires*, 35(4), 378-389. doi:10.1016/j.rmr.2018.02.002

https://dipot.ulb.ac.be/dspace/bitstream/2013/270863/1/Elsevier_254490.pdf

<https://dipot.ulb.ac.be/dspace/bitstream/2013/270863/5/RMR2.pdf>

Rosiere, R., Hureaux, J., Levet, V., Amighi, K., & Wauthoz, N. (2018). La chimiothérapie inhalée – partie 1 : concept et challenges technologiques actuels. *Revue des maladies respiratoires*, 35(4), 357-377. doi:10.1016/j.rmr.2018.02.001

<https://dipot.ulb.ac.be/dspace/bitstream/2013/270862/5/RMR1.pdf>

https://dipot.ulb.ac.be/dspace/bitstream/2013/270862/1/Elsevier_254489.pdf

Rosiere, R., Van Woensel, M., Gelbcke, M., Mathieu, V., Hecq, J., Mathivet, T., Vermeersch, M., Van Antwerpen, P., Amighi, K., & Wauthoz, N. (2018). New Folate-Grafted Chitosan Derivative To Improve Delivery of Paclitaxel-Loaded Solid Lipid Nanoparticles for Lung Tumor Therapy by Inhalation. *Molecular pharmaceuticals*, 15(3), 899-910. doi:10.1021/acs.molpharmaceut.7b00846

<https://dipot.ulb.ac.be/dspace/bitstream/2013/268190/4/MolPharm.pdf>

Biset, N., Lelubre, M., Senterre, C., Amighi, K., Bugnon, O., Schneider, M. P., & De Vriese, C. (2018). Assessment of medication adherence and responsible use of isotretinoin and contraception through belgian community pharmacies by using pharmacy refill data. *Patient Preference and Adherence*, 12, 153-161. doi:10.2147/PPA.S149355

 https://dipot.ulb.ac.be/dspace/bitstream/2013/268434/4/doi_252061.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/268434/3/ppa-12-153.pdf>

2017

Salade, L., Wauthoz, N., Deleu, M., Vermeersch, M., De Vriese, C., Amighi, K., & Goole, J. (2017). Development of coated liposomes loaded with ghrelin for nose-to-brain delivery for the treatment of cachexia. *International Journal of Nanomedicine (Online)*, 12, 8531—8543. doi:10.2147/IJN.S147650

 https://dipot.ulb.ac.be/dspace/bitstream/2013/261537/4/doi_245164.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/261537/3/SaladeIJN.pdf>

Wauthoz, N., Hennia, I., Dejaegher, B., Ecenarro, S., & Amighi, K. (2017). Proposed algorithm for healthcare professionals based on product characteristics and in vitro performances in different use conditions using formoterol-based marketed products for inhalation. *International journal of pharmaceutics*, 530(1-2), 415-429. doi:10.1016/j.ijpharm.2017.07.021

 https://dipot.ulb.ac.be/dspace/bitstream/2013/257304/3/Elsevier_240931.pdf

Van Woensel, M., Mathivet, T., Wauthoz, N., Rosiere, R., Garg, A. D., Agostinis, P., Mathieu, V., Kiss, R., Lefranc, F., Boon, L., Belmans, J., Van Gool, S. W., Gerhardt, H., Amighi, K., & De Vleeschouwer, S. (2017). Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 intranasal knock-down strategy. *Scientific Reports*, 27(1), 1217. doi:10.1038/s41598-017-01279-1

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/239584/3/VWSciRep.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/239584/4/doi_223211.pdf

Chikh Alard, I., Soubhye, J., Berger, G., Gelbcke, M., Spassov, S., Amighi, K., Goole, J., & Meyer, F. (2017). Triple-stimuli responsive polymers with fine tuneable magnetic responses. *Polymer Chemistry*, 8(16), 2450-2456. doi:10.1039/c7py00218a

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/252777/4/b.pdf>

Levet, V., Merlos, R., Rosiere, R., Amighi, K., & Wauthoz, N. (2017). Platinum pharmacokinetics in mice following inhalation of cisplatin dry powders with different release and lung retention properties. *International journal of pharmaceutics*, 517, 359-372. doi:10.1016/j.ijpharm.2016.12.037

 https://dipot.ulb.ac.be/dspace/bitstream/2013/239521/3/Elsevier_223148.pdf

Merlos, R., Wauthoz, N., Levet, V., Belhassan, L., Sebti, T., Vanderbist, F., & Amighi, K. (2017). Optimization and Scaling-Up of ITZ-based Dry Powders for Inhalation. *Journal of drug delivery science and technology*, 37, 147-157. doi:10.1016/j.jddst.2016.12.009

 https://dipot.ulb.ac.be/dspace/bitstream/2013/239528/3/Elsevier_223155.pdf

2016

Hecq, J., Amighi, K., & Goole, J. (2016). Development and evaluation of insulin-loaded cationic solid lipid nanoparticles for oral delivery. *Journal of drug delivery science and technology*, 36, 192-200. doi:10.1016/j.jddst.2016.10.012

 https://dipot.ulb.ac.be/dspace/bitstream/2013/243731/1/Elsevier_227358.pdf

Lelubre, M., Koubaity, M., De Wulf [EXT], I., Boussery, K., De Meyer, G. R., Foulon, V., Lacour, V., Steurbaut, S., Van Hees, T., Amighi, K., Bugnon, O., & De Vriese, C. (2016). Fréquence et nature des problèmes liés aux corticostéroïdes dans les officines publiques de Belgique. *Journal de pharmacie de Belgique*, (3), 32-41.

Doyen, V., Pilcer, G., Dinh, D. H. P., Corazza, F., Bernard, A., Bergmann, P., Lefevre, N., Amighi, K., & Michel, O. (2016). Inflammation induced by inhaled lipopolysaccharide depends on particle size in healthy volunteers. *British journal of clinical pharmacology*, 82(5), 1371-1381. doi:10.1111/bcp.13052

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/232403/3/232403.pdf>

Van Woensel, M., Wauthoz, N., Rosiere, R., Mathieu, V., Kiss, R., Lefranc, F., Steelant, B., Van Gool, S. W., Mathivet, T., Gerhardt, H., Amighi, K., & De Vleeschouwer, S. (2016). Development of siRNA-loaded chitosan nanoparticles targeting Galectin-1 for the treatment of glioblastoma multiforme via intranasal administration. *Journal of controlled release*, 227, 71-81. doi:10.1016/j.jconrel.2016.02.032

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/220572/3/VanWoenseletalJCR.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/220572/4/Elsevier_204199.pdf

Goole, J., & Amighi, K. (2016). 3D printing in pharmaceuticals: A new tool for designing customized drug delivery systems. *International journal of pharmaceuticals*, 499(1-2), 376-394. doi:10.1016/j.ijpharm.2015.12.071

 https://dipot.ulb.ac.be/dspace/bitstream/2013/226522/1/Elsevier_210149.pdf

Rosiere, R., Van Woensel, M., Mathieu, V., Langer, I., Mathivet, T., Vermeersch, M., Amighi, K., & Wauthoz, N. (2016). Development and evaluation of well-tolerated and tumor-penetrating polymeric micelle-based dry powders for inhaled anti-cancer chemotherapy. *International journal of pharmaceuticals*. doi:10.1016/j.ijpharm.2016.01.073

 https://dipot.ulb.ac.be/dspace/bitstream/2013/226441/1/Elsevier_210068.pdf

Levet, V., Rosiere, R., Merlos, R., Fusaro, L., Berger, G., Amighi, K., & Wauthoz, N. (2016). Development of Controlled-Release Cisplatin Dry Powders for Inhalation against Lung Cancers. *International journal of pharmaceuticals*, 515(1-2), 209-220. doi:10.1016/j.ijpharm.2016.10.019

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/238807/3/Levet.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/238807/4/Elsevier_222434.pdf

2015

Rosiere, R., Gelbcke, M., Mathieu, V., Van Antwerpen, P., Amighi, K., & Wauthoz, N. (2015). New dry powders for inhalation containing temozolomide-based nanomicelles for improved lung cancer therapy. *International journal of oncology*, 47(3), 1131. doi:10.3892/ijo.2015.3092

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/207035/3/IntJOncol2015.pdf>

Reeff, J., Oprenyeszk, F., Franck, T., Goole, J., De Vriese, C., Serteyn, D., Henrotin, Y., & Amighi, K. (2015). Development and evaluation in vitro and in vivo of injectable hydrophilic gels with sustained-release properties for the management of articular pathologies such as osteoarthritis. *International journal of pharmaceuticals*, 490(1-2), 14855, 74-84. doi:10.1016/j.ijpharm.2015.04.064

 https://dipot.ulb.ac.be/dspace/bitstream/2013/205377/1/Elsevier_189004.pdf

Hecq, J., Siepmann, F., Siepmann, J., Amighi, K., & Goole, J. (2015). Development and evaluation of chitosan and chitosan derivative nanoparticles containing insulin for oral administration. *Drug development and industrial pharmacy*, 41(12), 2037-2044. doi:10.3109/03639045.2015.1044904

2014

Sombié, B., Yameogo, J., Semde, R., Henschel, V., Amighi, K., & Goole, J. (2014). Ciprofloxacin monoolein water gels as implants for the treatment of chronic osteomyelitis: In vitro characterization. *Agricultura policy paper*, 5(4), 158-163. doi:10.4103/2231-4040.143029

Merlos, R., Amighi, K., & Wauthoz, N. (2014). Recent developments in inhaled triazoles against invasive pulmonary aspergillosis. *Current Fungal Infection Reports*, 8(4), 331-342. doi:10.1007/s12281-014-0199-5

 https://dipot.ulb.ac.be/dspace/bitstream/2013/176062/1/2014_Merlos_et_al_Curr_Fungal_Infect_Rep.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/176062/6/2014Merlospreprint.pdf>

Marquette, S., Amighi, K., Goole, J., Peerboom, C., Yates, A., Denis, L., & Langer, I. (2014). Stability study of full-length antibody (anti-TNF alpha) loaded PLGA microspheres. *International journal of pharmaceutics*, 470(1-2), 41-50. doi:10.1016/j.ijpharm.2014.04.063

 https://dipot.ulb.ac.be/dspace/bitstream/2013/183611/1/Elsevier_167238.pdf

Wauthoz, N., & Amighi, K. (2014). Phospholipids in pulmonary drug delivery. *European journal of lipid science and technology*, 116(9), 1114-1128. doi:10.1002/ejlt.201300368

 https://dipot.ulb.ac.be/dspace/bitstream/2013/176060/1/2014_Wauthoz_and_Amighi_EJLT.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/176060/3/2014Wauthozpreprint.docx>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/176060/6/176060.pdf>

Duret, C., Merlos, R., Wauthoz, N., Sebti, T., Vanderbist, F., & Amighi, K. (2014). Pharmacokinetic evaluation in mice of amorphous itraconazole-based dry powder formulations for inhalation with high bioavailability and extended lung retention. *European journal of pharmaceutics and biopharmaceutics*, 86(1), 46-54. doi:10.1016/j.ejpb.2013.03.005

 https://dipot.ulb.ac.be/dspace/bitstream/2013/143342/3/Elsevier_126987.pdf

2013

Marquette, S., Peerboom, C., Yates, A., Denis, L., Goole, J., & Amighi, K. (2013). Encapsulation of immunoglobulin G by solid-in-oil-in-water: Effect of process parameters on microsphere properties. *European journal of pharmaceutics and biopharmaceutics*. doi:10.1016/j.ejpb.2013.10.013

 https://dipot.ulb.ac.be/dspace/bitstream/2013/156759/1/Elsevier_141766.pdf

Reeff, J., Gaignaux, A., Goole, J., Siepmann, J., Siepmann, F., Jérôme, C., Thomassin, J. M., De Vriese, C., & Amighi, K. (2013). Characterization and optimization of GMO-based gels with long term release for intraarticular administration. *International journal of pharmaceutics*, 451(1-2), 95-103. doi:10.1016/j.ijpharm.2013.04.079

 https://dipot.ulb.ac.be/dspace/bitstream/2013/144127/1/Elsevier_127834.pdf

Pilcer, G., De Bueger, V., Traina, K., Traore, H., Sebti, T., Vanderbist, F., & Amighi, K. (2013). Carrier-free combination for dry powder inhalation of antibiotics in the treatment of lung infections in cystic fibrosis. *International journal of pharmaceutics*, 451(1-2), 112-120. doi:10.1016/j.ijpharm.2013.04.069

 https://dipot.ulb.ac.be/dspace/bitstream/2013/144128/1/Elsevier_127835.pdf

Depreter, F., Pilcer, G., & Amighi, K. (2013). Inhaled proteins: challenges and perspectives. *International journal of pharmaceutics*, 447(1-2), 251-280. doi:10.1016/j.ijpharm.2013.02.031

 https://dipot.ulb.ac.be/dspace/bitstream/2013/140576/1/Elsevier_123757.pdf

Pilcer, G., Rosiere, R., Traina, K., Sebti, T., Vanderbist, F., & Amighi, K. (2013). New co-spray-dried tobramycin nanoparticles-clarithromycin inhaled powder systems for lung infection therapy in cystic fibrosis patients. *Journal of pharmaceutical sciences*, 102(6), DOI 10.1002/jps.23525 ABSTRACT:, 1836-46. doi:10.1002/jps.23525

Gaignaux, A., Reeffer, J., De Vriese, C., Goole, J., & Amighi, K. (2013). Evaluation of the degradation of clonidine-loaded PLGA microspheres. *Journal of microencapsulation*.

Mathieu, V., Wauthoz, N., Lefranc, F., Niemann, H., Amighi, K., Kiss, R., & Proksch, P. (2013). Cyclic versus Hemi-Bastadins. Pleiotropic Anti-Cancer Effects: from Apoptosis to Anti-Angiogenic and Anti-Migratory Effects. *Molecules*, 18(3), 3543-3561. doi:10.3390/molecules18033543

 https://dipot.ulb.ac.be/dspace/bitstream/2013/143344/1/2013_Mathieu_et_al_Molecules.pdf
 https://dipot.ulb.ac.be/dspace/bitstream/2013/143344/4/doi_126992.pdf

Lallemand, B., Ouedraogo, M., Wauthoz, N., Lamkami, T., Mathieu, V., Jabin, I., Amighi, K., Kiss, R., Dubois, J., & Goole, J. (2013). Synthesis and plasma pharmacokinetics in CD-1 mice of a 18#-glycyrrhetic acid derivative displaying anti-cancer activity. *Journal of Pharmacy and Pharmacology*, 65(3), 402-410. doi:10.1111/j.2042-7158.2012.01603.x

 https://dipot.ulb.ac.be/dspace/bitstream/2013/167740/1/2012_Lallemand_et_al_J_Pharm_Pharmacology.pdf
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/167740/4/167740.pdf>

Van Woensel, M., Wauthoz, N., Rosiere, R., Amighi, K., Mathieu, V., Lefranc, F., Van Gool, S. W., & De Vleeschouwer, S. (2013). Formulations for Intranasal Delivery of Pharmacological Agents to Combat Brain Disease: A New Opportunity to Tackle GBM? *Cancers (Basel)*, 5(3), 1020-1048. doi:10.3390/cancers5031020

 https://dipot.ulb.ac.be/dspace/bitstream/2013/156761/4/doi_141768.pdf

2012

Duret, C., Wauthoz, N., Sebti, T., Vanderbist, F., & Amighi, K. (2012). New Inhalation-Optimized Itraconazole Nanoparticle-Based Dry Powders for the Treatment of Invasive Pulmonary Aspergillosis. *International journal of nanomedicine*, 7, 5475-5489. doi:10.2147/IJN.S34091

 https://dipot.ulb.ac.be/dspace/bitstream/2013/128954/4/doi_110746.pdf

 https://dipot.ulb.ac.be/dspace/bitstream/2013/128954/1/Duret_et_al_IntJNanomed_2012.pdf

Reeff, J., Gaignaux, A., Goole, J., De Vriese, C., & Amighi, K. (2012). New sustained-release intraarticular gel formulations based on monolein for local treatment of arthritic diseases. *Drug development and industrial pharmacy*. doi:10.3109/03639045.2012.730529

Duret, C., Wauthoz, N., Merlos, R., Goole, J., Maris, C., Roland, I., Sebt, T., Vanderbist, F., & Amighi, K. (2012). In vitro and in vivo evaluation of a dry powder endotracheal insufflator device for use in dose-dependent preclinical studies in mice. *European journal of pharmaceuticals and biopharmaceutics*, 81(3), 627-634. doi:10.1016/j.ejpb.2012.04.004

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/122583/1/122583.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/122583/4/Elsevier_103756.pdf

Gaignaux, A., Reeff, J., Siepmann, F., Siepmann, J., De Vriese, C., Goole, J., & Amighi, K. (2012). Development and evaluation of sustained-release clonidine-loaded PLGA microparticles. *International journal of pharmaceuticals*, 437(1-2), 20-28. doi:10.1016/j.ijpharm.2012.08.006

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/127678/1/127678.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/127678/4/Elsevier_109318.pdf

Lamoral-Theys, D., Wauthoz, N., Heffeter, P., Mathieu, V., Jungwirth, U., Lefranc, F., Neve, J., Dubois, J., Dufrasne, F., Amighi, K., Berger, W., Gailly, P., & Kiss, R. (2012). Trivanillic polyphenols with anticancer cytostatic effects through the targeting of multiple kinases and intracellular Ca²⁺ release. *Journal of Cellular and Molecular Medicine*, 16(7), 1421-1434. doi:10.1111/j.1582-4934.2011.01403.x.

 https://dipot.ulb.ac.be/dspace/bitstream/2013/126042/1/JCMM_16_1421.pdf

 https://dipot.ulb.ac.be/dspace/bitstream/2013/126042/4/doi_107580.pdf

Duret, C., Wauthoz, N., Sebt, T., Vanderbist, F., & Amighi, K. (2012). New Respirable and Fast Dissolving Itraconazole Dry Powder Composition for the Treatment of Invasive Pulmonary Aspergillosis. *Pharmaceutical research*, 29(10), 2845-2859. doi:10.1007/s11095-012-0779-4

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/122579/1/122579.pdf>

Duret, C., Wauthoz, N., Sebt, T., Vanderbist, F., & Amighi, K. (2012). Solid dispersions of itraconazole for inhalation with enhanced dissolution, solubility and dispersion properties. *International journal of pharmaceuticals*, 428(1-2), 103-113. doi:10.1016/j.ijpharm.2012.03.002

 https://dipot.ulb.ac.be/dspace/bitstream/2013/122586/4/Elsevier_103760.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/122586/1/122586.pdf>

Pilcer, G., Wauthoz, N., & Amighi, K. (2012). Lactose characteristics and the generation of the aerosol. *Advanced drug delivery reviews*, 64(3), doi:10.1016/j.addr.2011.05.003, 233-256.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/106563/1/106563.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/106563/3/2011ADDRpreprint.pdf>

Depreter, F., Burniat, A., Blocklet, D., Lacroix, S., Cnop, M., Fery, F., Van Aelst, N., Pilcer, G., Deleers, M., Goldman, S., & Amighi, K. (2012). Comparative pharmacoscintigraphic

and pharmacokinetic evaluation of two new formulations of inhaled insulin in type 1 diabetic patients. *European journal of pharmaceuticals and biopharmaceutics*, 80(1), 4-13. doi:10.1016/j.ejpb.2011.09.015

 https://dipot.ulb.ac.be/dspace/bitstream/2013/108540/4/Elsevier_88646.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/108540/1/108540.pdf>

2010

Wauthoz, N., Deleuze, P., Saumet, A., Duret, C., Kiss, R., & Amighi, K. (2010). Temozolomide-Based Dry Powder Formulations for Lung Tumor-Related Inhalation Treatment. *Pharmaceutical research*, 28(4), 762-75. doi:10.1007/s11095-010-0329-x

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/70295/1/70295.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/70295/2/2011Wauthozpreprint.pdf>

Depreter, F., & Amighi, K. (2010). Formulation and in vitro evaluation of highly dispersive insulin dry powder formulations for lung administration. *European journal of pharmaceuticals and biopharmaceutics*, 76(3), 454-463. doi:10.1016/j.ejpb.2010.08.005

 https://dipot.ulb.ac.be/dspace/bitstream/2013/77474/1/Elsevier_55381.pdf

Goole, J., Lindley, D. J., Roth, W., Carl, S. M., Amighi, K., Kauffmann, J.-M., & Knipp, G. T. (2010). The effects of excipients on transporter mediated absorption. *International journal of pharmaceuticals*, 393(1-2), 17-31. doi:10.1016/j.ijpharm.2010.04.019

 https://dipot.ulb.ac.be/dspace/bitstream/2013/77475/1/Elsevier_55382.pdf

Pilcer, G., & Amighi, K. (2010). Formulation strategy and use of excipients in pulmonary drug delivery. *International journal of pharmaceuticals*, 392(1-2), 1-19. doi:10.1016/j.ijpharm.2010.03.017

 https://dipot.ulb.ac.be/dspace/bitstream/2013/77476/1/Elsevier_55383.pdf

Wauthoz, N., Deleuze, P., Hecq, J., Roland, I., Saussez, S., Adanja, I., Debeir, O., Decaestecker, C., Mathieu, V., Kiss, R., & Amighi, K. (2010). In vivo assessment of temozolomide local delivery for lung cancer inhalation therapy. *European journal of pharmaceutical sciences*, 39, 402-411. doi:10.1016/j.ejps.2010.01.010

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/51846/13/2010Wauthozpreprintok.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/51846/10/Elsevier_26973.pdf

Durand, L., Habran, N., Henschel, V., & Amighi, K. (2010). Encapsulation of ethylhexyl methoxycinnamate, a light-sensitive UV filter, in lipid nanoparticles. *Journal of microencapsulation*, 27(8), 714-725. doi:10.3109/02652048.2010.513455

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/127679/1/127679.pdf>

2009

Ouedraogo, M., Semde, R., Some, T. I., Ouédraogo, M., Ouédraogo, R., Henschel, V., Evrard, B., Dubois, J., Amighi, K., & Guissou, I. (2009). Development of an in vitro endotoxin test for monoolein-water liquid crystalline gel for use as an implant. *Tropical Journal of Pharmaceutical Research*, 8(6), 501-508.

Amighi, K., & Goole, J. (2009). Levodopa delivery systems for the treatment of Parkinson's disease: an overview. *International journal of pharmaceuticals*, 380(1-2), 1-15. doi:10.1016/j.ijpharm.2009.07.026

 https://dipot.ulb.ac.be/dspace/bitstream/2013/124821/1/Elsevier_55384.pdf

Durand, L., Habran, N., Henschel, V., & Amighi, K. (2009). In vitro evaluation of the cutaneous penetration of sprayable sunscreen emulsions with high concentrations of UV filters. *International journal of cosmetic science*, 31(4), 279-292. doi:10.1111/j.1468-2494.2009.00498.x

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88334/1/88334.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88334/4/88334.pdf>

Pilcer, G., Vanderbist, F., & Amighi, K. (2009). Spray-dried carrier-free dry powder tobramycin formulations with improved dispersion properties. *Journal of pharmaceutical sciences*, 98(4), 1463-1475. doi:10.1002/jps.21545

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88333/1/88333.pdf>

Charlier, N., Driesschaert, B., Wauthoz, N., Beghein, N., Pr  at, V., Amighi, K., Marchand-Brynaert, J., & Gallez, B. (2009). Nano-emulsions of fluorinated trityl radicals as sensors for EPR oximetry. *Journal of magnetic resonance*, 197(2), 176-180. doi:10.1016/j.jmr.2008.12.013

 https://dipot.ulb.ac.be/dspace/bitstream/2013/68046/1/Elsevier_45115.pdf

Pilcer, G., Vanderbist, F., & Amighi, K. (2009). Preparation and characterization of spray-dried tobramycin powders containing nanoparticles for pulmonary delivery. *International journal of pharmaceuticals*, 365(1-2), 162-169. doi:10.1016/j.ijpharm.2008.08.014

 https://dipot.ulb.ac.be/dspace/bitstream/2013/88332/1/Elsevier_66700.pdf

2008

Goole, J., Van Gansbeke, B., Pilcer, G., Deleuze, P., Blocklet, D., Goldman, S., Pandolfo, M., Vanderbist, F., & Amighi, K. (2008). Pharmacoscintigraphic and pharmacokinetic evaluation on healthy human volunteers of sustained-release floating minitables containing levodopa and carbidopa. *International journal of pharmaceuticals*, 364(1), 54-63. doi:10.1016/j.ijpharm.2008.08.016

 https://dipot.ulb.ac.be/dspace/bitstream/2013/51455/1/Elsevier_26544.pdf

Goole, J., Amighi, K., & Vanderbist, F. (2008). Evaluation and floating enhancement of levodopa sustained release floating minitables coated with insoluble acrylic polymer. *Drug development and industrial pharmacy*, 34(8), 827-833. doi:10.1080/03639040801926683

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88339/1/88339.pdf>

Pilcer, G., Vanderbist, F., & Amighi, K. (2008). Correlations between cascade impactor analysis and laser diffraction techniques for the determination of the particle size of aerosolised powder formulations. *International journal of pharmaceuticals*, 358(1-2), 75-81. doi:10.1016/j.ijpharm.2008.02.014

 https://dipot.ulb.ac.be/dspace/bitstream/2013/88337/1/Elsevier_66705.pdf

Goole, J., Vanderbist, F., & Amighi, K. (2008). In vitro evaluation of two concepts of sustained release floating minitables according to the model drug used. *Journal of drug delivery science and technology*, 18(2), 133-138.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88338/1/88338.pdf>

Goole, J., Deleuze, P., Vanderbist, F., & Amighi, K. (2008). New levodopa sustained-release floating minitables coated with insoluble acrylic polymer. *European journal of pharmaceuticals and biopharmaceuticals*, 68(2), 310-318. doi:10.1016/j.ejpb.2007.06.017

https://dipot.ulb.ac.be/dspace/bitstream/2013/88335/1/Elsevier_66703.pdf

Pilcer, G., Goole, J., Van Gansbeke, B., Blocklet, D., Knoop, C., Vanderbist, F., & Amighi, K. (2008). Pharmacoscintigraphic and pharmacokinetic evaluation of tobramycin DPI formulations in cystic fibrosis patients. *European journal of pharmaceutics and biopharmaceutics*, 68(2), 413-421. doi:10.1016/j.ejpb.2007.05.005

https://dipot.ulb.ac.be/dspace/bitstream/2013/88336/1/Elsevier_66704.pdf

Ouedraogo, M., Da, S. C., Nacoulma, S., Kafando, H., Some, T. I., Semde, R., Ouedraogo, R., Guissou, I., Henschel, V., Evrard, B., Amighi, K., & Dubois, J. (2008). Preliminary clinical assessment of a gentamicin-loaded monoolein gel intended to treat chronic osteomyelitis. *Trends in medical research*, 3(2), 82-89. doi:10.3923/tmr.2008.82.89

<https://dipot.ulb.ac.be/dspace/bitstream/2013/132783/1/132783.pdf>

Ouedraogo, M., Semde, R., Some, T. I., Traoré, R., Guissou, I., Henschel, V., Evrard, B., Dubois, J., & Amighi, K. (2008). Monoolein-water liquid crystalline gels of gentamicin as bioresorbable implants for the local treatment of chronic osteomyelitis: in vitro characterization. *Drug development and industrial pharmacy*, 34(7), 753-760.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/132782/1/132782.pdf>

Ouedraogo, M., Sanou, M., Ramdé, N., Some, T. I., Semde, R., Ouedraogo, R., Guissou, I., Henschel, V., Evrard, B., Amighi, K., & Dubois, J. (2008). In vivo biocompatibility and toxicity assessment of a gentamicin-loaded Monoolein gel as implant for the treatment of chronic osteomyelitis. *Journal of pharmacology and toxicology*, 3(5), 386-393.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/127750/1/127750.pdf>

Ouedraogo, M., Nacoulma, É. W. C., Some, T. I., Semde, R., Guissou, I., Henschel, V., Evrard, B., Amighi, K., & Dubois, J. (2008). In vitro biocompatibility and genotoxicity assessment of a gentamicin-loaded Monoolein gel as implant for the treatment of chronic osteomyelitis. *Journal of pharmacology and toxicology*, 3(5), 394-401.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/127755/1/127755.pdf>

2007

Durand, L., Habran, N., Denis, C., Meulders, L., Henschel, V., & Amighi, K. (2007). Influence of different parameters on droplet size and size distribution of sprayable sunscreen emulsions with high concentration of UV-filters. *International journal of cosmetic science*, 29(6), 461-471. doi:10.1111/j.1468-2494.2007.00408.x

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88342/1/88342.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88342/4/88342.pdf>

Alloue, W. A. M., Destain, J., Amighi, K., & Thonart, P. (2007). Storage of Yarrowia lipolytica lipase after spray-drying in the presence of additives. *Process biochemistry*, 42(9), 1357-1361. doi:10.1016/j.procbio.2007.05.024

https://dipot.ulb.ac.be/dspace/bitstream/2013/88341/1/Elsevier_66709.pdf

Sebti, T., Vanderbist, F., & Amighi, K. (2007). Evaluation of the content homogeneity and dispersion properties of fluticasone DPI compositions. *Journal of drug delivery science and technology*, 17(3), 223-229.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88343/1/88343.pdf>

Goole, J., Vanderbist, F., & Amighi, K. (2007). Development and evaluation of new multiple-unit levodopa sustained-release floating dosage forms. *International journal of pharmaceuticals*, 334(1-2), 35-41. doi:10.1016/j.ijpharm.2006.10.018

https://dipot.ulb.ac.be/dspace/bitstream/2013/88340/1/Elsevier_66708.pdf

2006

Hecq, J., Deleers, M., Fanara, D., Vranckx, H., Boulanger, P., Le Lamer, S., & Amighi, K. (2006). Preparation and in vitro/in vivo evaluation of nano-sized crystals for dissolution rate enhancement of ucb-35440-3, a highly dosed poorly water-soluble weak base. *European journal of pharmaceuticals and biopharmaceutics*, 64(3), 360-368. doi:10.1016/j.ejpb.2006.05.008

https://dipot.ulb.ac.be/dspace/bitstream/2013/88347/1/Elsevier_66715.pdf

Hecq, J., Nollevaux, G., Deleers, M., Fanara, D., Vranckx, H., Peulen, O., Dandrifosse, G., & Amighi, K. (2006). Nifedipine nanocrystals: Pharmacokinetic evaluation in the rat and permeability studies in Caco-2/HT29-5M21 (co)-cultures. *Journal of drug delivery science and technology*, 16(6), 437-442.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88349/1/88349.pdf>

Hamdani, J., Goole, J., Moës, A., & Amighi, K. (2006). In vitro and in vivo evaluation of floating riboflavin pellets developed using the melt pelletization process. *International journal of pharmaceuticals*, 323(1-2), 86-92. doi:10.1016/j.ijpharm.2006.05.056

https://dipot.ulb.ac.be/dspace/bitstream/2013/88346/1/Elsevier_66714.pdf

Hamdani, J., Moës, A., & Amighi, K. (2006). Development and in vitro evaluation of a novel floating multiple unit dosage form obtained by melt pelletization. *International journal of pharmaceuticals*, 322(1-2), 96-103. doi:10.1016/j.ijpharm.2006.05.052

https://dipot.ulb.ac.be/dspace/bitstream/2013/88344/1/Elsevier_66712.pdf

Goole, J., Hamdani, J., Vanderbist, F., & Amighi, K. (2006). In vitro and in vivo evaluation in healthy human volunteers of floating riboflavin minitables. *Journal of drug delivery science and technology*, 16(5), 351-356.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88348/1/88348.pdf>

Sebti, M. T., Pilcer, G., Van Gansbeke, B., Goldman, S., Michils, A., Vanderbist, F., & Amighi, K. (2006). Pharmacoscintigraphic evaluation of lipid dry powder budesonide formulations for inhalation. *European journal of pharmaceuticals and biopharmaceutics*, 64(1), 26-32. doi:10.1016/j.ejpb.2006.03.005

https://dipot.ulb.ac.be/dspace/bitstream/2013/51710/1/Elsevier_26832.pdf

Pilcer, G., Sebti, T., & Amighi, K. (2006). Formulation and characterization of lipid-coated tobramycin particles for dry powder inhalation. *Pharmaceutical research*, 23(5), 931-940. doi:10.1007/s11095-006-9789-4

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88350/1/88350.pdf>

Sebti, T., & Amighi, K. (2006). Preparation and in vitro evaluation of lipidic carriers and fillers for inhalation. *European journal of pharmaceuticals and biopharmaceutics*, 63(1), 51-58. doi:10.1016/j.ejpb.2005.11.003

https://dipot.ulb.ac.be/dspace/bitstream/2013/88345/1/Elsevier_66713.pdf

Kimbeni Malongo, T., Blankert, B., Kambu, O., Amighi, K., Nsangu, J., & Kauffmann, J.-M. (2006). Amodiaquine polymeric membrane electrode. *Journal of Pharmaceutical and Biomedical Analysis*, 41(1), 70-76. doi:10.1016/j.jpba.2005.10.014

https://dipot.ulb.ac.be/dspace/bitstream/2013/26861/1/Elsevier_10183.pdf

2005

Malonne, H., Eeckman, F., Fontaine, D., Otto, A., De Vos, L., Moës, A., Fontaine, J., & Amighi, K. (2005). Preparation of poly(N-isopropylacrylamide) copolymers and preliminary assessment of their acute and subacute toxicity in mice. *European journal of pharmaceuticals and biopharmaceutics*, 61(3), 188-194. doi:10.1016/j.ejpb.2005.05.007

https://dipot.ulb.ac.be/dspace/bitstream/2013/88351/1/Elsevier_66719.pdf

Hecq, J., Deleers, M., Fanara, D., Vranckx, H., & Amighi, K. (2005). Preparation and characterization of nanocrystals for solubility and dissolution rate enhancement of nifedipine. *International journal of pharmaceuticals*, 299(1-2), 167-177. doi:10.1016/j.ijpharm.2005.05.014

https://dipot.ulb.ac.be/dspace/bitstream/2013/88352/1/Elsevier_66720.pdf

Semde, R., Ouédraogo, H., Guissou, I., & Amighi, K. (2005). Évaluation in vitro de la bio-équivalence de quelques formes génériques d'antibactériens. *Journal de pharmacie de Belgique*, 60(2), 51-55.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88353/1/88353.pdf>

2004

Some, T. I., Semde, R., Ouedraogo, M., Amighi, K., Guissou, P., Duez, P., & Dubois, J. (2004). Validation of gentamicin congeners using HPLC with electrochemical detection: Comparison with fluorimetric detection. *Comptes rendus. Chimie*, 7(10-11), 1087-1093. doi:10.1016/j.crci.2003.12.037

https://dipot.ulb.ac.be/dspace/bitstream/2013/88355/1/Elsevier_66723.pdf

Eeckman, F., Moës, A., & Amighi, K. (2004). Poly(N-isopropylacrylamide) copolymers for constant temperature controlled drug delivery. *International journal of pharmaceuticals*, 273(1-2), 109-119. doi:10.1016/j.ijpharm.2003.12.013

https://dipot.ulb.ac.be/dspace/bitstream/2013/88354/1/Elsevier_66722.pdf

Eeckman, F., Moës, A., & Amighi, K. (2004). Synthesis and characterization of thermosensitive copolymers for oral controlled drug delivery. *European Polymer Journal*, 40(4), 873-881. doi:10.1016/j.eurpolymj.2003.11.010

https://dipot.ulb.ac.be/dspace/bitstream/2013/88356/1/Elsevier_66724.pdf

2003

Hamdani, J., Moes, A. J., & Amighi, K. (2003). Physical and thermal characterisation of Precirol® and Compritol® as lipophilic glycerides used for the preparation of controlled-release matrix pellets. *International journal of pharmaceuticals*, 260(1), 47-57. doi:10.1016/S0378-5173(03)00229-1

https://dipot.ulb.ac.be/dspace/bitstream/2013/88359/1/Elsevier_66727.pdf

Eeckman, F., Moës, A., & Amighi, K. (2003). Surfactant induced drug delivery based on the use of thermosensitive polymers. *Journal of controlled release*, 88(1), 105-116. doi:10.1016/S0168-3659(02)00457-1

 https://dipot.ulb.ac.be/dspace/bitstream/2013/88358/1/Elsevier_66726.pdf

Semde, R., Moes, A. J., Devleeschouwer, M., & Amighi, K. (2003). Synthesis and enzymatic degradation of epichlorohydrin cross-linked pectins. *Drug development and industrial pharmacy*, 29(2), 203-213. doi:10.1081/DDC-120016728

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88357/1/88357.pdf>

2002

Hamdani, J., Moes, A. J., & Amighi, K. (2002). Development and evaluation of prolonged release pellets obtained by the melt pelletization process. *International journal of pharmaceutics*, 245(1-2), 167-177. doi:10.1016/S0378-5173(02)00348-4

 https://dipot.ulb.ac.be/dspace/bitstream/2013/88361/1/Elsevier_66729.pdf

Semde, R., Moës, A., Devleeschouwer, M., & Amighi, K. (2002). In vitro evaluation of epichlorohydrin cross-linked pectins as colon-specific drug delivery carriers. *S.T.P. Pharma Sciences*, 12(5), 293-298.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88360/1/88360.pdf>

Eeckman, F., Moës, A., & Amighi, K. (2002). Evaluation of a new controlled-drug delivery concept based on the use of thermoresponsive polymers. *International journal of pharmaceutics*, 241(1), 113-125. doi:10.1016/S0378-5173(02)00198-9

 https://dipot.ulb.ac.be/dspace/bitstream/2013/88362/1/Elsevier_66730.pdf

2001

Eeckman, F., Amighi, K., & Moës, A. (2001). Effect of some physiological and non-physiological compounds on the phase transition temperature of thermoresponsive polymers intended for oral controlled-drug delivery. *International journal of pharmaceutics*, 222(2), 259-270. doi:10.1016/S0378-5173(01)00716-5

 https://dipot.ulb.ac.be/dspace/bitstream/2013/88363/1/Elsevier_66731.pdf

Amighi, K. (2001). Nouvelles recherches sur l'intérêt des polymères en formulation galénique. *Bulletin et mémoires de l'Académie royale de médecine de Belgique*, 156(6 Pt 2), 302-310.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88364/1/88364.pdf>

2000

Semde, R., Amighi, K., Devleeschouwer, M., & Moes, A. J. (2000). Studies of pectin HM/Eudragit® RL/Eudragit® NE film-coating formulations intended for colonic drug delivery. *International journal of pharmaceutics*, 197(1-2), 181-192. doi:10.1016/S0378-5173(99)00467-6

 https://dipot.ulb.ac.be/dspace/bitstream/2013/88365/1/Elsevier_66733.pdf

Semde, R., Amighi, K., Devleeschouwer, M., & Moes, A. J. (2000). Effect of pectinolytic enzymes on the release of theophylline from pellets coated with water insoluble polymers containing pectin HM or calcium pectinate. *International journal of pharmaceutics*, 197, 169-179. doi:10.1016/S0378-5173(99)00465-2

 https://dipot.ulb.ac.be/dspace/bitstream/2013/128062/4/Elsevier_109736.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/128062/1/128062.pdf>

1999

Semde, R., Amighi, K., Devleeschouwer, M., & Moës, A. (1999). In vitro evaluation of pectin HM/ethylcellulose compression-coated formulations intended for colonic drug delivery. *S.T.P. Pharma Sciences*, 9(6), 561-565.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88366/1/88366.pdf>

Evrard, B., Amighi, K., Beten, D., Delattre, L., & Moës, A. (1999). Influence of melting and rheological properties of fatty binders on the melt granulation process in a high-shear mixer. *Drug development and industrial pharmacy*, 25(11), 1177-1184.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88367/1/88367.pdf>

1998

Semde, R., Amighi, K., Pierre, D., Devleeschouwer, M., & Moës, A. (1998). Leaching of pectin from mixed pectin/insoluble polymer films intended for colonic drug delivery. *International journal of pharmaceutics*, 174(1-2), 233-241. doi:10.1016/S0378-5173(98)00269-5

https://dipot.ulb.ac.be/dspace/bitstream/2013/88368/1/Elsevier_66736.pdf

Amighi, K. (1998). Etat nutritionnel et administration des formes à libération programmée. *Dieta*, 14, 19-22.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/128115/1/128115.pdf>

Timmermans, J., Amighi, K., Puigdevall, J., Baltes, E., & Moës, A. (1998). Peroral sustained-release film-coated pellets as a means to overcome physicochemical and biological drug-related problems. II. Bioavailability and tolerance assessment in dogs. *Drug development and industrial pharmacy*, 24(6), 517-525.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88372/1/88372.pdf>

Amighi, K., Timmermans, J., Puigdevall, J., Baltes, E., & Moës, A. (1998). Peroral sustained-release film-coated pellets as a means to overcome physicochemical and biological drug-related problems. I. In vitro development and evaluation. *Drug development and industrial pharmacy*, 24(6), 509-515.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88371/1/88371.pdf>

1997

Amighi, K., & Moës, A. (1997). Influence of curing conditions on the drug release rate from EudragitNESOD film coated sustained-release theophylline pellets. *S.T.P. Pharma Sciences*, 7(3), 141-147.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88373/1/88373.pdf>

1996

Amighi, K., & Moes, A. J. (1996). Influence of plasticizer concentration and storage conditions on the drug release rate from Eudragit® RS30D film-coated sustained-release theophylline pellets. *European journal of pharmaceutics and biopharmaceutics*, 42(1), 29-35.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/88374/1/88374.pdf>

1995

Beten, D., Amighi, K., & Moes, A. J. (1995). Preparation of controlled-release coevaporates of dipyridamole by loading neutral pellets in a fluidized-bed coating system. *Pharmaceutical research*, 12(9), 1269-1272.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88375/1/88375.pdf>

Amighi, K., & Moës, A. (1995). Evaluation of thermal and film forming properties of acrylic aqueous polymer dispersion blends: Application to the formulation of sustained-release film coated theophylline pellets. *Drug development and industrial pharmacy*, 21(20), 2355-2369.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/88376/1/88376.pdf>

Communications publiées lors de congrès ou colloques nationaux et internationaux

2024

Bui, L., Menchi, E., Hennia, I., Amighi, K., & Wauthoz, N. (2024). Development of innovative controlled released dry powders for inhalation based on budesonide for a once daily administration. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, Vol. 0, 109.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391773/3/DDL2023journal.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391773/4/DDL2023.pdf>

2023

Wauthoz, N., Gevenois, P., Menchi, E., Lambot, C., Sebti, T., & Amighi, K. (2023). Evaluation of the Efficacy of an Innovative Triparatopic Anti#IL#13 VhHs in a Murine Preclinical Model of Respiratory Inflammation. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, Vol. 36(36), 6.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391778/3/ISAM2023.pdf>

Wauthoz, N., Chraïbi, S., Davenne, T., Gerard, P., Rosiere, R., & Amighi, K. (2023). Evaluation of Tumour Exposure following the Administration of an Innovative Cisplatin Dry Powder for Inhalation at Different Dose Levels and Regimens. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, Vol. 36(36), 3, 06.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/356451/3/DDL2022.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/356451/4/DDL2022journal.pdf>

Davenne, T., Lehebel, P., Larbanoix, L., Moser, M., Oberdan, L., Meylan, E., Wauthoz, N., Goriely, S., Amighi, K., & Rosiere, R. (2023). Inhaled cisplatin dry powder combined with anti-PD1 induces anti-tumour immune-response in lung cancer. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, (36), 92.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/375003/3/DDL33.pdf>

2022

Menchi, E., El Khattabi, C., Denis, O., Pochet, S., Amighi, K., & Wauthoz, N. (2022). Determination of an appropriate dose ratio of a synergistic combination of long-acting bronchodilators for the maintenance treatment of asthma and COPD. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, Vol. 35(35), A1-A20, 1-20. doi:10.1089/jamp.2022.ab01.abstracts

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/345306/3/DDL2021.pdf>

2020

Chraibi, S., Rosiere, R., Larbanoix, L., Laurent, S., De Prez, E., Nortier, J., Amighi, K., & Wauthoz, N. (2020). Optimization of Cisplatin-based Regimens Combining Pulmonary and Intravenous Routes for Lung Cancer Therapy. *RDD Digital 2020*. Vol. 3 (pp. 515-520) Respiratory Drug Delivery Digital(2020: 26-30 april 2020: Digital).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/315087/4/ChraibiRDD.pdf>

2019

Chraibi, S., Spires, J. J., Amighi, K., & Wauthoz, N. (2019). In silico Prediction of Pharmacokinetic Parameters after Cisplatin Intravenous and Endotracheal Administration Using GastroPlus TM Software. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, (32), 2, 28-30. doi:10.1089/jamp.2019.ab01.abstracts

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/299275/4/DDL29.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/299275/3/DDL29.pdf>

2018

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2018). Impact of the capsule type on the aerodynamic performances of a fluticasone-based dry powder under optimal and suboptimal inhalation airflows. *Abstract book of DDL28*. Vol. 29 (3 ed., p. 6) Drug Delivery to the Lung(28: 6-8 december 2017: Edinburg).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/271557/3/DDL28.pdf>

Rosiere, R., Chraibi, S., Albasry, S., Vermeersch, M., Amighi, K., & Wauthoz, N. (2018). Development of paclitaxel nanocrystal-based dry powder formulations for targeted therapy of lung tumours by inhalation. *Abstracts from the Aerosol Society Drug Delivery to the Lungs*. Vol. 31 (2 ed., p. 5) Drug Delivery to the Lungs(28: 6-8 december 2018: Edinburg).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/271558/3/DDL28.pdf>

2017

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2017). A Comparative Evaluation of the Aerosolization Performances of Marketed Fluticasone Multi-unit and Single-unit Dry Powder Inhalers : The Effects of Product Use Life, Suboptimal Airflow, and a Hot/Humid Environment. In R. R. N. Dalby, J. Peart, J. D. Suman, P. M. Young, & D. Traini (Eds.), *RDD Europe 2017*: Vol. 2 (pp. 341-344) Virginia, USA: Virginia Commonwealth University.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/250685/3/RDD2017WS.pdf>

Levet, V., Rosiere, R., Amighi, K., & Wauthoz, N. (2017). Local and systemic pharmacokinetic evaluation of immediate-release and controlled-release cisplatin dry powders for inhalation against lung cancer. In *Abstracts from the Aerosol Society Drug Delivery to the Lungs 27*: Vol. 30 (pp. 31-32). (4). Journal of Aerosol Medicine and Pulmonary Drug Delivery.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/262569/3/jampabstracts.pdf>

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2017). Impact of different capsules for dry powder inhalers on the aerodynamic performances of formoterol-based binary and ternary blends. In *Abstracts from the Aerosol Society Drug Delivery to the Lungs 27*: Vol. 30 (p. 3132). (4). Journal of Aerosol Medicine and Pulmonary Drug Delivery.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/262574/3/jampabstracts.pdf>

Levet, V., Rosiere, R., Hecq, J., Langer, I., Amighi, K., & Wauthoz, N. (2017). Tolerance of Cisplatin Dry Powders for Inhalation and Efficacy on an Orthotopic Grafted Lung Tumor

Preclinical Model. In R. R. N. Dalby, J. Peart, J. D. Suman, P. M. Young, & D. Traini (Eds.), *RDD Europe 2017* (pp. 335-340) Virginia, USA: Virginia Commonwealth University.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/250684/3/PosterVL.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/250684/4/Abstract.pdf>

2016

Levet, V., Amighi, K., & Wauthoz, N. (2016). Development of Cisplatin-based Dry Powder for Inhalation with Controlled Release Properties for the Lung Cancer Therapy. *Respiratory Drug Delivery 2016*. Vol. 3 (pp. 549-552) RDD(17-21/04/2016: Phoenix Arizona).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/229702/3/Abstract.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/229702/4/POSTER.pdf>

Wauthoz, N., Hennia, I., Diez, F., & Amighi, K. (2016). Influence of Different Capsules for Inhalation on the Aerodynamic Performance of Formoterol Dry Powder Formulation at Different Flow Rates. *Respiratory Drug Delivery 2016*. Vol. 3 (pp. 553-556) RDD(17-21/04/2016: Phoenix Arizona).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/229703/3/P.63.Wauthoz.pdf>

https://dipot.ulb.ac.be/dspace/bitstream/2013/229703/4/AF_Poster_RDD_2016.pdf

Van Woensel, M., Wauthoz, N., Rosiere, R., Mathieu, V., Kiss, R., Lefranc, F., Steelant, B., Van Gool, S. W., Mathivet, T., Gerhardt, H., Amighi, K., & De Vleeschouwer, S. (2016). Development of siRNA-loaded Chitosan Nanoparticles targeting Galectin-1 for the Treatment of Glioblastoma Multiforme via Intranasal Administration. *Respiratory Drug Delivery 2016*. Vol. 3 (pp. 573-578) Respiratory Drug Delivery(17-21/04/2016: Phoenix Arizona).

Wauthoz, N., Hennia, I., Deleers, M., Diez, F., & Amighi, K. (2016). Evaluation of the aerodynamic performance of formoterol dry powder using different capsules for inhalation: hypromellose versus gelatin from Qualicaps and Capsugel. In *Abstracts from The Aerosol Society Drug Delivery To the Lung 26*: Vol. 29 (pp. 28-29). (3). Journal of Aerosol Medicine and Pulmonary Drug Delivery.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/246697/3/jampabstracts.pdf>

2015

Merlos, R., Wauthoz, N., Belhassan, L., Sebt, T., Traina, K., Vanderbist, F., & Amighi, K. (2015). Scaling-up of an Itraconazole-based Dry Powder for Inhalation from a Lab-sized Büchi Mini Spray Dryer B-290 to a Pilot Mobile Minor Spray Dryer. In R. R. N. Dalby, P. R. Byron, J. Peart, J. D. Suman, P. M. Young, & D. Traini (Eds.), *RDD Europe 2015: Book 2* (pp. 441-445) USA: Virginia Commonwealth University.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/199576/1/MerlosRDD2015.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/199576/3/RMPPosterRDD2015.pdf>

Rosiere, R., Amighi, K., & Wauthoz, N. (2015). New Dry Powders for Inhalation Containing Chitosan Derivative-Coated Solid Lipid Nanoparticles for Targeted Delivery to Lung Cancer Cells. In R. R. N. Dalby, P. R. Byron, J. Peart, J. D. Suman, P. M. Young, & D. Traini (Eds.), *RDD Europe 2015* (pp. 447-452). (book 2). USA: Virginia Commonwealth University.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/199584/1/P47Rosiere.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/199584/3/RRposterRDD2015Nice.pdf>

Wauthoz, N., Hennia, I., Deleers, M., Diez, F., & Amighi, K. (2015). Marketed Formoterol Inhalation Aerosols: A comparative Evaluation to Determine the Place of Capsule-based Dry Powder Inhalers (DPIs). In R. R. N. Dalby, P. R. Byron, J. Peart, J. D. Suman, P. M. Young, & D. Traini (Eds.), *RDD Europe 2015* (pp. 453-457). (book 2). USA: Virginia Commonwealth University.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/199633/1/PosterWauthoz.pdf>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/199633/2/P48Wauthoz.pdf>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/199633/3/copyrightagreement.pdf>

2014

Rosiere, R., Wauthoz, N., Van Antwerpen, P., Gelbcke, M., & Amighi, K. (2014). Development of Folate Receptor-Targeted Nanoparticles Containing Temozolomide for Lung Cancer Therapy by Dry Powder Inhalation. In R. R. N. Dalby, P. R. Byron, J. Peart, S. J. Farr, J. D. Suman, P. M. Young, & D. Traini (Eds.), *RDD 2014 Puerto Rico* (pp. 609-612). (book 3). USA: Virginia Commonwealth University.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/199635/1/RosiereRDDPuertoRicoAbstract.pdf>

2013

Duret, C., Wauthoz, N., Rosiere, R., Sebti, T., Vanderbist, F., & Amighi, K. (2013). Prophylactic Efficacy of Inhaled Itraconazole-Mannitol Dried Solid Dispersion Against Invasive Pulmonary Aspergillosis. In R. R. N. Dalby, P. R. Byron, J. Peart, J. D. Suman, P. M. Young, & D. Traini (Eds.), *RDD Europe 2013* (pp. 383-388). (book 2). USA: Virginia Commonwealth University.

2012

Duret, C., Wauthoz, N., Sebti, T., Vanderbist, F., & Amighi, K. (2012). Itraconazole Nanoparticle-based Dry Powders for Inhalation. In R. R. N. Dalby, P. R. Byron, J. Peart, J. D. Suman, S. J. Farr, & P. M. Young (Eds.), *RDD 2012 Arizona* (pp. 763-768) USA: Virginia Commonwealth University.

2005

Amighi, K., & Moes, A. J. (2005). Determination of thermal properties of acrylic polymer aqueous dispersions used for film coating. *Proceeding* (pp. 52-53) 1st World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (May 1995: Budapest).

2002

Hamdani, J., Moes, A. J., & Amighi, K. (2002). Evaluation of pellets prepared by the melt pelletization process using a mixture of Compritol and Precirol as lipidic binders. *Proceeding 4rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* (pp. 203-204) (8-11 April 2002: Florence).

Brasseur, S., Moes, A. J., & Amighi, K. (2002). Solid lipid microparticles for controlled delivery of drugs to the pulmonary tract. *Proceeding 4rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* (pp. 1037-1038) (8-11 April 2002: Florence).

Eeckman, F., Moes, A. J., & Amighi, K. (2002). Preparation and evaluation of thermosensitive copolymers for oral controlled drug delivery. *Proceeding 4rd World*

Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (pp. 603-604) (8-11 April 2002: Florence).

Eeckman, F., Moes, A. J., & Amighi, K. (2002). Surfactant induced drug release based on the use of thermosensitive polymers. *Proceeding 4rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* (pp. 1547-1548) (8-11 April 2002: Florence).

2000

Hamdani, J., Amighi, K., Benameur, H., & Moes, A. J. (2000). Development and evaluation of prolonged-release matrix pellets prepared by melt granulation process. *Proc. 3rd World Meeting APV/APGI* (pp. 903-904) (3/6 April 2000: Berlin).

Hamdani, J., Amighi, K., Benameur, H., & Moes, A. J. (2000). Physical characterization of lipidic excipients used for the preparation of controlled-release matrix pellets. *Proc. 3rd World Meeting APV/APGI* (pp. 905-906) (3/6 April 2000: Berlin).

Eeckman, F., Amighi, K., & Moes, A. J. (2000). Conception of oral controlled-drug delivery systems based on the use of thermoresponsive polymers. *Proceeding 3rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* (3-6 April 2000: Berlin)

Eeckman, F., Amighi, K., & Moes, A. J. (2000). Oral controlled-drug delivery systems based on the use of thermoresponsive polymers. *Proceeding 3rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* (3-6 April 2000: Berlin)

Maleki, M., Dewachter, L., Amighi, K., Malonne, H., & Fontaine, J. (2000). Quantitative assessment of angiogenesis in the chick embryo chorioallantoic membrane assay and the effect of chitosan. *Pflügers Archiv*. Vol. 440 (pp. 233-234).

1999

Malonne, H., Maleki, M., Dewachter, L., Amighi, K., & Fontaine, J. (1999). Characterization of the effect of chitosan on angiogenesis in the chick embryo chorioallantoic membrane assay. *Clinical & experimental metastasis*. Vol. 17 (p. 777).

1998

Semde, R., Amighi, K., & Moes, A. J. (1998). Effect of pectinolytic enzymes on theophylline release from pellets coated with calcium pectinate / cellulosic or acrylic polymer blends. *Proceeding 2nd World Meeting on Pharmaceutics, Biopharmaceutics and Pharm. Technol.* (pp. 283-284) (25-28 may 1998: Paris).

Amighi, K., & Moes, A. J. (1998). Peroral sustained-release of drugs showing solubility and biological-related shortcomings. *Proceedings of the Controlled Release Society*. Vol. 25 (pp. 808-809) (Las Vegas).

Semde, R., Amighi, K., & Moes, A. J. (1998). Epichlorohydrin cross-linked pectins for colonic drug delivery. *Proceeding*. Vol. 25 (pp. 806-807) 25th International symposium on controlled release of bioactive materials(21-24 June 1998: Las Vegas).

1996

Whitehead, L., Fell, J., Amighi, K., & Collett, J. (1996). Development of a gastroretentive dosage form. *Proceeding 3rd European Congress of Pharmaceutical Science*(September 1996: Edinburg)

Whitehead, L., Fell, J., Amighi, K., & Collet, J. F. (1996). Amoxicillin release from a buoyant dosage form. *Proceeding Conference on Advances in Controlled Delivery, Controlled Release Society*(August 1996: Baltimore)

1995

Beten, D., Amighi, K., & Moes, A. J. (1995). Dipyridamole coated pellets prepared by fluidized-bed coating. *Proceeding 1st World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* (pp. 347-348) (May 1995).

1992

Amighi, K., & Moes, A. J. (1992). Factors affecting drug release from sustained-release film-coated pellets using acrylic aqueous dispersions. *Proc.6th International Congress of Pharmaceutical Technology*. Vol. 1 (pp. 474-482).

Rapports de recherche, comptes rendus, lettres à l'éditeur, working papers

2008

Goole, J., & Amighi, K. (2008). *Evaluation pharmacoscintigraphique de mini-comprimés flottants à libération prolongée contenant de la levodopa et de la carbidopa.*

2007

Goole, J., & Amighi, K. (2007). *Développement et évaluation de mini-comprimés flottants à libération prolongée contenant de la ciprofloxacine.*

2006

Goole, J., & Amighi, K. (2006). *Développement et évaluation de mini-comprimés enrobés flottants à libération prolongée, séparation et dosage de la levodopa et la bensérazide par HPLC.*

Goole, J., & Amighi, K. (2006). *Développement et évaluation de mini-comprimés flottants à libération prolongée.*

Goole, J., & Amighi, K. (2006). *Développement et évaluation de mini-comprimés enrobés flottants à libération prolongée.*

2005

Goole, J., & Amighi, K. (2005). *Développement et évaluation de granulés flottants à libération prolongée.*

Goole, J., & Amighi, K. (2005). *Etude in vivo de la capacité de flottabilité de mini-comprimés contenant de la riboflavine sur des volontaires sains humains.*

Goole, J., & Amighi, K. (2005). *Développement et évaluation de mini-comprimés flottants à libération prolongée, développement de deux méthodes de dosage de la levodopa par HPLC.*

Goole, J., & Amighi, K. (2005). *Développement et évaluation de mini-comprimés enrobés flottants à libération prolongée.*

Participations à des congrès et colloques internationaux

A paraître

Bui, L., Menchi, E., Blockx, M.-C., Denis, O., Delporte, C., Amighi, K., & Wauthoz, N. (2025). *Pharmacokinetic evaluation of controlled release dry powders for inhalation based on budesonide in healthy rats.* Poster présenté à la conférence Drug Delivery to the Lungs (35: 2024/12/11 - 2024/12/13: Edinburgh, Scotland).

2025

Bui, L., Olivier, D., Blockx, M.-C., Amighi, K., & Wauthoz, N. (2025). *Development of T2-high asthma preclinical model sensitive to inhaled corticosteroids in guinea pigs.* Poster présenté à la conférence Fraunhofer seminar « Models of Lung disease » 2025 (23: 19-20 June 2025: Hannover (Germany)).

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391856/3/abstract.pdf>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391856/4/abstract.pdf>

Abidli, I., Burtea, C., Laurent, S., Crescitelli, E. C., Amighi, K., Wauthoz, N., & Vanderbist, F. (2025). *Early biofilm inhibition by N-acetylcysteine and lutein against Pseudomonas aeruginosa PAO1: A potential strategy for cystic fibrosis adjunctive therapy.* Abstract session presented at

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391467/3/ECFS2025ImaneAbidliImane.pdf>

Abidli, I., Burtea, C., Laurent, S., Amighi, K., Wauthoz, N., & Vanderbist, F. (2025). *Assessment of antibiofilm activity against Pseudomonas aeruginosa: A focus on N-acetylcysteine, lutein, and quercetin.* Paper session presented at Forum of Pharmaceutical Sciences (22: 31st March to 1st April 2025: La Roche-en-Ardenne, Belgium).

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391780/3/abstract2025bspsabidliImane.pdf>

Bui, L., Menchi, E., Blockx, M.-C., Olivier, D., Delporte, C., Amighi, K., & Wauthoz, N. (2025). *PHARMACOKINETIC EVALUATION OF CONTROLLED RELEASE DRY POWDERS FOR INHALATION BASED ON BUDESONIDE IN RATS.* Paper session presented at Forum des sciences pharmaceutiques (22: 31 March-1 April 2025: La-roche-en-ardenne, Belgium).

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/391781/3/abstract.pdf>

Abidli, I., Burtea, C., Laurent, S., Amighi, K., Wauthoz, N., & Vanderbist, F. (2025). *ASSESSMENT OF ANTIBIOFILM ACTIVITY AGAINST PSEUDOMONAS AERUGINOSA: A FOCUS ON N-ACETYL CYSTEINE, LUTEIN, AND QUERCETIN.* Abstract session presented at

<https://dipot.ulb.ac.be/dspace/bitstream/2013/391468/3/abstract2025bspsabidliimane.pdf>

Abidli, I., Burtea, C., Laurent, S., Amighi, K., Wauthoz, N., & Vanderbist, F. (2025). *Early biofilm inhibition by N-acetylcysteine and lutein against Pseudomonas aeruginosa PAO1: A potential strategy for cystic fibrosis adjunctive therapy*. Paper session presented at European Cystic Fibrosis Conference (48: 4-7th June 2025: Milan (Italy)).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/391779/3/abstract.pdf>

2024

Wauthoz, N., Rosiere, R., & Amighi, K. (2024). *Inhaled chemotherapy as a new modality to increase immunotherapy response in lung cancer therapy*. Paper session presented at Rescon summit Europe (2024: 26-28-06-2024: Barcelona).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/375010/3/Brochure.pdf>

Bui, L., Menchi, E., Hennia, I., Amighi, K., & Wauthoz, N. (2024). Development of innovative controlled released dry powders for inhalation based on budesonide for a once daily administration. In *Abstracts from The Aerosol Society Drug Delivery to the Lungs 34: Edinburgh International Conference Centre Edinburgh, Scotland, UK December 6–8, 2023*: Vol. 37 United Kingdom: Mary Ann Liebert, Inc., publishers.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/387678/3/DDL33.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/387678/4/LongAbstractDDL2023.pdf>

Wauthoz, N., Rosiere, R., & Amighi, K. (2024). *New Inhaled Therapies to Increase the Immunotherapy Response in Lung Cancer Therapy*. Paper session presented at Annual International Symposium of Drug Delivery Systems (11th: 22-24-05-2024: Osaka).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/375009/3/ABSTRACT.pdf>

Bui, L., Menchi, E., Blockx, M.-C., Olivier, D., Delporte, C., Amighi, K., & Wauthoz, N. (2024). *Pharmacokinetic evaluation of controlled release dry powders for inhalation based on budesonide in healthy rats*. Paper session presented at Drug Delivery to the lungs (2024: 11-14th December 2024: edinburgh).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/391777/3/DDL2024.pdf>

Bui, L., Menchi, E., Hennia, I., Amighi, K., & Wauthoz, N. (2024). Development of innovative controlled released dry powders for inhalation based on budesonide for a once daily administration. Poster présenté à la conférence Drug Delivery to the Lungs (34: 2023/12/06 - 2023/12/08: Edinburgh, Scotland).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/388306/3/DDL2024.pdf>

2023

Wauthoz, N., Gevenois, P., Menchi, E., Lambot, C., Sebti, T., & Amighi, K. (2023). *Evaluation of the efficacy of an innovative triparatopic anti-IL-13 VhH in a murine preclinical model of respiratory inflammation*. Paper session presented at International Society For Aerosols in Medicine (2023: 26-30th August 2023: Saarbrücken).

https://dipot.ulb.ac.be/dspace/bitstream/2013/363899/3/Book_of_Abstracts_ISAM_2023_Final_PW.pdf

Wauthoz, N., & Amighi, K. (2023). *Inhaled chemotherapy : a new modality for lung cancer treatment*. Paper session presented at Forum of Pharmaceutical Sciences of Belgian Society (21th: 27-28th 2023: Blankenberg).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/363901/3/SBSPWauthozInhaledchemotherapyabstract.pdf>

2022

Wauthoz, N., Chraibi, S., Davenne, T., Gérard, P., Rosiere, R., & Amighi, K. (2022). *Evaluation of Tumour Exposure following the Administration of an Innovative Cisplatin Dry Powder for Inhalation at Different Dose Levels and Regimens*. Paper session presented at Drug Delivery to the Lung (2022: 7-9th December 2022: Edinburg).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/363900/3/DDLWauthoz2022Difusion.pdf>

2021

Menchi, E., El Khattabi, C., Denis, O., Pochet, S., Amighi, K., & Wauthoz, N. (2021). *Determination of an appropriate dose ratio of a synergistic combination of long-acting bronchodilators for the maintenance treatment of asthma and COPD*. Paper session presented at Drug Delivery to the Lung (32: 8-10th December 2021: Virtual).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/345311/3/03b99efcf8464adfa8028ff7adca2c7d.pdf>

Gevenois, P., Declerck, S., De Braekeleer, K., Vander Heyden, Y., Sebti, T., Amighi, K., & Wauthoz, N. (2021). *Optimization of IgG dry powder for inhalation (DPI) formulation stability based on polyol-sugar mixtures using a rational Design of experiment (DoE)*. Poster présenté à la conférence Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (12th: 11-14th May 2021: Digital).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/325776/4/OptimizationDoE.pdf>

Chraibi, S., Rosiere, R., De Prez, E., Langer, I., Nortier, J., Amighi, K., & Wauthoz, N. (2021). *Evaluation of pulmonary and renal tolerance on mice of a cisplatin-based dry powder for inhalation to treat lung cancer*. Poster présenté à la conférence Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (12th: 11-14th May 2021: Digital).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/325777/3/EvaluationChraibi.pdf>

Wauthoz, N., & Amighi, K. (2021). *Inhaled Chemotherapy : a new modality for lung cancer treatment: (invited plenary speaker)*. Paper session presented at Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (12th: 11-14th May 2021: Digital).

2020

Chraibi, S., De Prez, E., Rosiere, R., Touzani, F., Antoine, M.-H., Wauthoz, N., Amighi, K., & Nortier, J. (2020). *Évaluation préclinique de la tolérance rénale suite à l'administration par voie systémique et par inhalation de cisplatine dans un modèle murin de cancer pulmonaire*. Paper session presented at congrès de la société francophone de néphrologie, dialyse et transplantation (SFNDT) (5ème: 07/10/2020-08/10/2020: Digital).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/315099/3/AbstractSFNDT.pdf>

Rosiere, R., Bischof, R., Chraibi, S., Hennia, I., Meeusen, E., Amighi, K., & Wauthoz, N. (2020). *Pharmacokinetic and Preliminary Toxicity Investigation of an Innovative Controlled-Release Cisplatin Dry Powder Inhalation Formulation in Sheep*. Poster présenté à la conférence Respiratory Drug Delivery (2020: 26/04/2020-30/06/2020: Digital).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/315093/3/PosterROSIERE.pdf>

Chraibi, S., Rosiere, R., Larbanoix, L., Laurent, S., De Prez, E., Nortier, J., Amighi, K., & Wauthoz, N. (2020). *Optimization of Cisplatin-based Regimens Combining Pulmonary and Intravenous Routes for Lung Cancer Therapy*. Poster présenté à la conférence Respiratory Drug Delivery 2020 (26/04/2020-30/06/2020).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/315092/3/ChraibiRDDPoster.pdf>

2018

Chraibi, S., Spires, J. J., Amighi, K., & Wauthoz, N. (2018). *In silico Prediction of Pharmacokinetic Parameters after Cisplatin Intravenous and Endotracheal Administration Using GastroPlus TM Software*. Poster présenté à la conférence Drug Delivery to the lung (28: 12-14th December 2018: Edinburg).

Koubaity, M., Amighi, K., & De Vriese, C. (2018). *Evaluation and analysis of drug-related problems in cancer patients readmitted 30 days after discharge in 2 belgian hospitals*. Paper session presented at 1st International Conference FIP Pharmacy Practice Research (25-27 june 2018: Lisbon).

2017

Rosiere, R., Chraibi, S., Albasry, S., Vermeech, M., Amighi, K., & Wauthoz, N. (2017). *Development of paclitaxel nanocrystal-based dry powder formulations for targeted therapy of lung tumours by inhalation*. Poster présenté à la conférence Drug Delivery to the lungs (DDL) (28: 2017-12-06-08: Edimbourg).

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2017). *Impact of the capsule type on the aerodynamic performances of a fluticasone-based dry powder under optimal and suboptimal inhalation airflows*. Poster présenté à la conférence Drug Delivery to the lungs (28: 2017-12-06-08: Edimbourg).

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2017). *A Comparative Evaluation of the Aerosolization Performances of Marketed Fluticasone Multi-Unit and Single-Unit Dry Powder Inhalers (DPIs): The Effects of Product Use Life, Suboptimal Airflow and a Hot/Humid Environment*. Poster présenté à la conférence American Association of Pharmaceutical Scientists (AAPS) (2017: 2017-11-12-15: San Diego).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/262344/3/AAPS-W1012.pdf>

Wauthoz, N., & Amighi, K. (2017). *Impact of Capsule Type on the Aerodynamic Performance of Dry Powder Formulations for Inhalation*. Paper session presented at RDD Europe (2017: 25-28 April 2017: Antibes, France).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/250686/3/RDD2017WS.pdf>

Salade, L., Wauthoz, N., De Vriese, C., Amighi, K., & Goole, J. (2017). *Development of a Dry-Powder Formulation with Ghrelin-loaded Liposomes for Nose-to-Brain Delivery*. Poster présenté à la conférence 2nd European Conference on Pharmaceutics, Novel Dosage Forms & Innovative Technologies (3 April to 4 April 2017: Krakow, Poland).

 https://dipot.ulb.ac.be/dspace/bitstream/2013/246636/3/Krakow_APV_LS_2017.pdf

2016

Rosiere, R., Van Woensel, M., Mathieu, V., Mathivet, T., Amighi, K., & Wauthoz, N. (2016). *New lung-tumour-penetrating nanocarrier designed for aerosolized chemotherapy*.

Paper session presented at Drug Delivery to the lung (27th world meeting: 7-9/12/2016: Edinburg (UK)).

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2016). *Impact of different capsules for dry powder inhalers on the aerodynamic performances of formoterol-based binary and ternary blends*. Poster présenté à la conférence Drug Delivery to the lung (27th world meeting: 7-9/12/2016: Edinburg (UK)).

Levet, V., Rosiere, R., Amighi, K., & Wauthoz, N. (2016). Local and systemic pharmacokinetic evaluation of immediate-release and controlled-release cisplatin dry powders for inhalation against lung cancer. In *Journal of Pulmonary Delivery - Abstract book of Drug Delivery to the Lungs conference 27* Journal of Aerosol Medicine and Pulm. <https://dipot.ulb.ac.be/dspace/bitstream/2013/241962/3/LevetAbstractDDL27.pdf>

Levet, V., Rosiere, R., Amighi, K., & Wauthoz, N. (2016). *Local and systemic pharmacokinetic evaluation of immediate-release and controlled-release cisplatin dry powders for inhalation against lung cancer*. Poster présenté à la conférence Drug delivery to the lungs (27: December 6-9th 2016: Edinburgh, Scotland). <https://dipot.ulb.ac.be/dspace/bitstream/2013/241960/3/PosterDDL27.pdf>

Lelubre, M., Clerc, O., Grosjean, M., Amighi, K., De Vriese, C., Bugnon, O., & Schneider, M. P. (2016). *Implementation study related to an interdisciplinary antiretroviral adherence program for HIV patients in community pharmacies*. Poster présenté à la conférence Espacomp 20th annual meeting (17-19 nov 2016: Lisbonne, Portugal). https://dipot.ulb.ac.be/dspace/bitstream/2013/289573/3/Poster-Espacomp-2016_Pourtales-V2.pdf

Biset, N., Lelubre, M., Amighi, K., Bugnon, O., Schneider, M. P., & De Vriese, C. (2016). *Medication adherence evaluation for isotretinoin and contraception and evaluation of compliance with the main recommendation linked to isotretinoin using pharmacy refill data*. Poster présenté à la conférence Espacomp 20Th annual meeting (17-19 nov 2016: Lisbonne, Portugal). <https://dipot.ulb.ac.be/dspace/bitstream/2013/289574/3/Poster-Espacomp-2016-adhesion.pdf>

Wauthoz, N., Hennia, I., Ecenarro, S., & Amighi, K. (2016). *Influence of flow rate and uasage in drastic condition on the aerodynamic performance of a formoterol dry powder formulation using different kinds of capsules for inhalation*. Poster présenté à la conférence AAPS (2016: 13-17/11/2016: Denver (USA)).

Van Woensel, M., Wauthoz, N., Rosiere, R., Mathieu, V., Kiss, R., Lefranc, F., Steelant, B., Van Gool, S. W., Mathivet, T., Gerhardt, H., & Amighi, K. (2016). *Development of siRNA-loaded chitosan nanoparticles targeting Galectin-1 for the treatment of glioblastoma multiforme via intranasal administration*. Paper session presented at Respiratory Drug Delivery (2016: 17-21/04/2016: Phoenix (Arizona)).

Salade, L., Wauthoz, N., De Vriese, C., Amighi, K., & Goole, J. (2016). *Development and Evaluation of Ghrelin-loaded Liposomes for Nose to Brain Delivery*. Poster présenté à la conférence Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (04-07/04/2016: Glasgow UK). <https://dipot.ulb.ac.be/dspace/bitstream/2013/229714/3/Abstract.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/229714/4/Poster.pdf>

2015

Levet, V., Amighi, K., & Wauthoz, N. (2015). *Inhaled chemotherapy: development of immediate and controlled-release cisplatin dry powders formulations*. Poster présenté à la conférence Journée des Doctorants de sciences biomédicales, dentaires, sciences médicales et pharmaceutiques (15th: 17/12/2015: Erasme, Belgique).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/224720/3/Inhaledcisplatin.pdf>

Salade, L., Wauthoz, N., De Vriese, C., Amighi, K., & Goole, J. (2015). *Development and Evaluation of Ghrelin-loaded Liposomes for Nose-to-Brain Delivery*. Poster présenté à la conférence Journée des doctorants de sciences biomédicales, dentaires, sciences médicales et pharmaceutiques (15ème journée: 17/12/2015: Erasme).

https://dipot.ulb.ac.be/dspace/bitstream/2013/243431/3/Poster_PhD_Day_V3.pdf

Wauthoz, N., Hennia, I., Deleers, M., Diez, F., & Amighi, K. (2015). *Evaluation of the aerodynamic performance of formoterol dry powder using different capsules for inhalation: hypromellose versus gelatin from Qualicaps and Capsugel*. Poster présenté à la conférence Drug Delivery to the Lung (26th World Meeting: 9-11 décembre 2015: Edinburg).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/224719/3/Abstract.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/224719/4/Poster.pdf>

Wauthoz, N., Hennia, I., Deleers, M., Diez, F., & Amighi, K. (2015). *A comparative evaluation of formoterol-based marketed inhaled medicines throughout the device life, focusing on inspiratory airflow and high temperature and humidity use conditions*. Poster présenté à la conférence American Association of Pharmaceutical Scientists : Annual Meeting of Exposition (2015: 25-29/10/2015: Orlando, USA).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/220620/3/AAPSPoster.pdf>

Wauthoz, N., Hennia, I., Deleers, M., Diez, F., & Amighi, K. (2015). *Inhaler Device Selection: comparison of capsule-based DPIs, pMDIs and Multi-dose DPIs*. Paper session presented at American Association of Pharmaceutical Scientists : Annual Meeting & Exposition (2015: 25-29/10/2015: Orlando, USA).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/220619/3/AAPSformulation.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/220619/4/AAPShandling.pdf>

Schoubben, A., Wauthoz, N., Ianni, F., Blasi, P., Amighi, K., & Ricci, M. (2015). *Aerodynamic properties and pharmacokinetics of capreomycin oleate supergenerics*. Paper session presented at Inhaled Therapies for tuberculosis and other infectious diseases (3rd: 14-16/10/2015: Parma, Italy).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/220624/3/AbstractSchoubben.pdf>

Wauthoz, N., Duret, C., Merlos, R., Sebti, T., Vanderbist, F., & Amighi, K. (2015). *Innovative dry itraconazole-based solid dispersion for inhalation to combat pulmonary aspergillosis : from the laboratory bench to the industrial scale*. Poster présenté à la conférence Inhaled Therapies for Tuberculosis and other infectious diseases (3rd: 14-16/10/2015: Parma, Italy).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/220618/3/AbstractWauthozParma.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/220618/4/PosterwauthozParma.pdf>

Ianni, F., Schoubben, A., Lisanti, A., Sardella, R., Wauthoz, N., Amighi, K., & Natalini, B. (2015). *QUANTITATIVE ASSAY OF CAPREOMYCIN OLEATE LEVELS IN MICE LUNG AND PLASMA WITH A FULLY VALIDATED RP-HPLC METHOD*. Poster présenté à la conférence RDPA 2015 Recent Development in Pharmaceutical Analysis (28/06/2015-1/07/2015: Perugia, Italy).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/206598/3/AbstractRDPA.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/206598/4/PosterRDPA.pdf>

Merlos, R., Wauthoz, N., Belhassan, L., Sebt, T., Traina, K., Vanderbist, F., & Amighi, K. (2015). *Scaling-up of an Itraconazole-based Dry Powder for Inhalation from a Lab-sized Buchi Mini Spray Dryer B-290 to a Pilot Mobile Minor Spray Dryer*. Paper session presented at Forum des sciences pharmaceutiques de la SBSP (18: 28-29/05/2015: Blankenberge).

Levet, V., Amighi, K., & Wauthoz, N. (2015). *Inhaled Cisplatin: Assessment of administration route and development of a Dry Powder Formulation*. Paper session presented at Forum of Pharmaceutical Sciences of the Belgian Society of Pharmaceutical Sciences (18th: May 28-29th, 2015: Blankenberge, Belgique).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/200030/3/BSPS.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/200030/4/BSPSAbstract.pdf>

Wauthoz, N., Hennia, I., Deleers, M., Diez, F., & Amighi, K. (2015). *Inhaler Device Selection: comparison of capsule-based DPIs, pMDIs and Multi-dose DPIs*. Paper session presented at RDD Europe 2015 (5-8 May 2015: Antibes, France).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/199634/1/RDD2015WS1handling.pdf>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/199634/2/RDD2015WS2formulation.pdf>

Van Woensel, M., Wauthoz, N., Rosiere, R., Amighi, K., Mathieu, V., Lefranc, F., Van Gool, S. W., Mathivet, T., & De Vleeschouwer, S. (2015). *Intranasal delivery of anti-Galectin-1 formulation to increase the efficiency of chemo- and immunotherapy for glioblastoma*. Poster présenté à la conférence European Conference on Pharmaceutics (1st: 13 and 14/04/2015: Reims, France).

Rosiere, R., Van Woensel, M., Langer, I., Mathieu, V., Amighi, K., & Wauthoz, N. (2015). *Nanomicelle-based dry powders for inhalation for targeted delivery to lung cancer cells: in vitro evaluation and in vivo local pulmonary tolerance on healthy mice*. Poster présenté à la conférence European Conference on Pharmaceutics (1st: 13 and 14/04/2015: Reims, France).

Lelubre, M., Clerc, O., Grosjean, M., Amighi, K., & De Vriese, C. (2015). Design of an implementation study related to an interdisciplinary ART adherence program for HIV patients in community pharmacies. *International Journal of Clinical Pharmacy*, (37), 419.

Lelubre, M., Clerc, O., Grosjean, M., Amighi, K., De Vriese, C., Bugnon, O., & Schneider, M. P. (2015). *Design of an implementation study related to an interdisciplinary ART adherence program for HIV patients in community pharmacies*. Poster présenté à la conférence Pharmaceutical Care Network Europe Working Conference (4-6 feb 2015: Mechelen, Belgium).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/289572/3/ML-Poster-PCNE-2015.pdf>

Merlos, R., Wauthoz, N., Sebti, T., Vanderbist, F., & Amighi, K. (2014). *Industrial perspectives for Dry Powder for Inhalation composed by Itraconazole to prevent or combat pulmonary aspergillosis*. Poster présenté à la conférence Journée doctorale Pôle Santé (14ème: 18/12/2014: Campus Erasme, ULB).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/191555/1/PosterJDDerasmeMERLOS.pdf>

Levet, V., Wauthoz, N., & Amighi, K. (2014). *Local and Systemic Pharmacokinetic evaluation of a Cisplatin solution delivered by Pulmonary Route or by Intravenous route applying validated Electrothermic Atomic Absorption Spectrometry methods (ETAAS)*. Paper session presented at Journée des Doctorants de sciences biomédicales, dentaires, sciences médicales et pharmaceutiques 14th Erasme, Belgique 18/12/2014.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/226128/3/VLErasme.pdf>

Rosiere, R., Van Antwerpen, P., Gelbcke, M., Amighi, K., & Wauthoz, N. (2014). *Development of nanoparticle formulations composed by new folate receptor-targeted excipients and temozolomide for the lung cancers therapy by inhalation*. Poster présenté à la conférence Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (9th: 31/03/2014-03/04/2014: Lisbonne, Portugal).

Amighi, K., & Wauthoz, N. (2014). *Advances in Pulmonary Drug Delivery*. Paper session presented at Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (9th: 31/03/2014-03/04/2014: Lisbonne, Portugal).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/159622/1/PRESENTATION.pptx>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/159622/2/PRESENTATION.pdf>

Van Woensel, M., Wauthoz, N., Rosiere, R., Amighi, K., Mathieu, V., Lefranc, F., Van Gool, S. W., Mathivet, T., & De Vleeschouwer, S. (2014). *Intranasal delivery of anti-Galectin-1 formulation to increase the efficiency of chemo- and immunotherapy for glioblastoma*. Poster présenté à la conférence Belgian Society of Neurosurgery (29/03/2014: Brussels).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/197625/1/Poster.pdf>

Amighi, K., & Wauthoz, N. (2014). *La délivrance pulmonaire : une nouvelle voie d'accès pour les médicaments: état de l'art, réalisations et perspectives*. Paper session presented at Académie Royale de Médecine de Belgique (29/03/2014: Bruxelles, Belgique).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/159623/1/PRESENTATION.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/159623/2/PRESENTATION.pptx>

Koubaity, M., Lelubre, M., De Wulf, I., Amighi, K., & De Vriese, C. (2014). *Evaluation of a drug related problem classification tool in community pharmacy daily practice*. Poster présenté à la conférence PCNE Working Symposium (Sliema - Malta).

Lelubre, M., Koubaity, M., De Wulf [EXT], I., Boussery, K., De Meyer, G. R., Foulon, V., Lacour, V., Steurbaut, S., Van Hees, T., Amighi, K., & De Vriese, C. (2014). *Evaluation of drug-related problems in Belgium: focus on corticosteroids*. Poster présenté à la conférence Working symposium of the Pharmaceutical Care Network Europe (14-15 mars 2014: Sliema, Malte).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/289571/3/Poster-Mel-PCNE.pdf>

Koubaity, M., Lelubre, M., De Wulf [EXT], I., Amighi, K., & De Vriese, C. (2014). Evaluation of a drug related problem classification tool in community pharmacy daily practice. *International Journal of Clinical Pharmacy*, (36), 847.

Lelubre, M., Koubaity, M., De Wulf [EXT], I., Boussery, K., De Meyer, G. R., Foulon, V., Lacour, V., Steurbaut, S., Van Hees, T., Amighi, K., & De Vriese, C. (2014). Evaluation of drug related problems in Belgium : focus on corticosteroids. *International Journal of Clinical Pharmacy*, (36), 847.

2013

Rosiere, R., Wauthoz, N., Gelbcke, M., Van Antwerpen, P., & Amighi, K. (2013). *Development of new inhalable formulation for the lung cancers therapy*. Paper session presented at Journée des Doctorants de sciences biomédicales, dentaires, sciences médicales et pharmaceutiques (13: 19/12/2013: Erasme).

Rosiere, R., Wauthoz, N., Gelbcke, M., Van Antwerpen, P., & Amighi, K. (2013). *Development of new inhalable formulation for the lung cancers therapy*. Paper session presented at Forum des sciences pharmaceutiques de la SBSPP (17: 17-18/10/2013: Spa).

Duret, C., Wauthoz, N., Rosiere, R., Merlos, R., Sebti, T., Vanderbist, F., & Amighi, K. (2013). *A new Inhaled Itraconazole Solid Dispersion for Inhalation against Invasive Pulmonary Aspergillosis*. Poster présenté à la conférence Innovation in Drug Delivery (3rd: 22-25/09/2013: Pise - Italie).

Wauthoz, N., & Amighi, K. (2013). *Phospholipids as pulmonary excipient*. Paper session presented at Symposium on Phospholipids in Pharmaceutical Research (3rd: 16-17/09/2013: Heidelberg - Allemagne).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/149575/1/PRESENTATION.pptx>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/149575/2/PRESENTATION.pdf>

2012

Marquette, S., Peerboom, C., Yates, Y., Denis, L., Goole, J., & Amighi, K. (2012). *Monoclonal antibody encapsulation in polymer microspheres using the solid-in-oil-in-water method with ethyl acetate as organic solvent*. Poster présenté à la conférence XX International Conference on Bioencapsulation (September 21-24, 2012: Orillia, Ontario).

Wauthoz, N., Kiss, R., & Amighi, K. (2012). *Temozolomide by inhalation for the treatment of lung tumors: Preclinical investigation and development of dry powder formulations for inhalation*. Paper session presented at Nanomedicine in Oncology Workshop (26-29 September 2012: Berder, France).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/140834/1/PRESENTATION.ppt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/140834/2/PRESENTATION.pdf>

Wauthoz, N., Kiss, R., & Amighi, K. (2012). *Local Delivery of Temozolomide against Lung Tumors and Development of Dry Powders for Inhalation*. Paper session presented at Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (8th World Meeting: 19.03.2012-22.03.2012: Istanbul).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/122615/1/PRESENTATION.ppt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/122615/2/PRESENTATION.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/122615/3/Abstract.pdf>

Duret, C., Wauthoz, N., Goole, J., Sebti, M. T., Vanderbist, F., & Amighi, K. (2012). *In vitro and in vivo evaluation of a dry powder endotracheal insufflator device for use in dose-dependent preclinical studies in mice*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (19-22 mars 2012: Istanbul).

Pilcer, G., Vanderbist, F., Sebti, T., Cahay, A., Streel, B., & Amighi, K. (2012). *New dry powder combination for inhalation of two antibiotics with high deposition properties*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics Biopharmaceutics and Pharmaceutical Technology (March 19-22, 2012: Istanbul, Turkey).

Hecq, J., Goole, J., & Amighi, K. (2012). *Development and evaluation of chitosan and chitosan derivatives nanoparticles containing insulin*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Gaignaux, A., Reeffer, J., De Vriese, C., Goole, J., & Amighi, K. (2012). *New controlled-release PLGA microparticles containing clonidine*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Reeffer, J., Gaignaux, A., Goole, J., De Vriese, C., & Amighi, K. (2012). *New sustained-release intra-articular gel formulation based on monolein for local treatment of arthritic disease (Part I)*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Reeffer, J., Gaignaux, A., Goole, J., De Vriese, C., & Amighi, K. (2012). *Characterization of a new sustained-release intra-articular gel formulation based on monolein for local treatment of arthritic disease (Part II)*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Duret, C., Wauthoz, N., Goole, J., Sebti, T., Vanderbist, F., & Amighi, K. (2012). *Dry powder endotracheal insufflators device for use in dose dependent preclinical studies in mice*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Marquette, S., Goole, J., Amighi, K., Peerboom, C., Yates, A., & Denis, L. (2012). *Screening of encapsulation methods for immunoglobulin G in PLGA microspheres*. Poster présenté à la conférence 8th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Marquette, S., Goole, J., Langers, I., Amighi, K., Peerboom, C., Yates, A., & Denis, L. (2012). *Development of monoclonal antibody microspheres using the solid-in-oil-in-water encapsulation method*. Poster présenté à la conférence VII Ph.D. Day (October 16th 2012: Bruxelles, Belgique).

Devriese, C., Parvais, M., Amighi, K., Neve, J., Blondeau, M., Feron, A., Lamme, A., & Di Pietrantonio, J. (2012). *Intégration et évaluation de séminaires de pratique officinale en Officine pédagogique en Faculté de Pharmacie de l'ULB*. Poster présenté à la conférence Symposium sur les soins pharmaceutiques (15 septembre 2012: Bruxelles, Belgique).

2011

Duret, C., Wauthoz, N., Pilcer, G., Depreter, F., Sebt, T., & Amighi, K. (2011). *The use of phospholipids as excipients in the development of formulations for inhalation*. Poster présenté à la conférence Phospholipids in Pharmaceutical Research (2nd: 12-09-2011 and 13-09-2011: Heidelberg).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/106569/1/POSTER.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/106569/2/POSTER.pptx>

Wauthoz, N., Deleuze, P., Saumet, A., Duret, C., Kiss, R., & Amighi, K. (2011). *Temozolomide-based dry powder formulations for lung tumor-related inhalation treatments*. Poster présenté à la conférence PharmSciFair (3rd: 13/06/2011-17/06/2011: Pragues).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/106567/1/Poster.ppt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/106567/2/Poster.pdf>

Doyen, V., Pilcer, G., Dinh, D. H. P., D'Hondt, S., Corrazza, F., Bernard, A., Amighi, K., & Michel, O. (2011). *Inflammation induced by LPS inhalation depends on the particle size*. Poster présenté à la conférence 30th Congress of the European Academy of Allergy and Clinical Immunology (11-15 June 2011: Istanbul, Turkey).

Devriese, C., Claeys, C., Saevels, J., Vermandele, C., Amighi, K., & Neve, J. (2011). *Gathering information, communication with the patient and perception of the pharmaceutical file by the pharmacist: a pilot study*. Poster présenté à la conférence Pharmaceutical Care Network Europe, Working conference 2011: Does pharmaceutical care impact on the safety of individual patients? (23-26 mars 2011: Manchester, UK).

De Vriese, C., Claeys, C., Saevels, J., Vermandele, C., Amighi, K., & Neve, J. (2011). *Gathering information, communication with the patients and perception of the pharmaceutical file by the pharmacist : a pilot study*. *International Journal of Clinical Pharmacy*, (33), 718.

2010

Wauthoz, N., Deleuze, P., Saumet, A., Duret, C., & Amighi, K. (2010). *Development of Temozolomide Dry Powder Formulations for Inhalation for the Treatment of Lung Tumours*. Poster présenté à la conférence Journée doctorale pôle santé 2010 (23/12/2010: Campus Erasme).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/85224/1/Poster.ppt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/85224/2/Poster.pdf>

Wauthoz, N., Deleuze, P., Saumet, A., Duret, C., Kiss, R., & Amighi, K. (2010). *Development of Temozolomide Dry Powder Formulations for Inhalation for the Treatment of Lung Tumours*. Paper session presented at Journée doctorale ULB/MONS (28/05/2011: Mons).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/85222/1/PRESENTATION.ppt>

Depreter, F., & Amighi, K. (2010). *Development of spray-dried insulin particles for inhalation using lipid excipients*. Poster présenté à la conférence 7th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (7: 8 to 11 March 2010: Valletta, Malta).

Depreter, F., & Amighi, K. (2010). *Development of lipid coated formulations for the administration of insulin by inhalation*. Paper session presented at 6th Ph. D. Day (6: 28/05/2010: Mons, Belgium).

Wauthoz, N., & Amighi, K. (2010). *In vivo assessment of temozolomide delivery systems for inhalation therapy of lung cancer*. Paper session presented at 7th World Meeting on Pharmaceutics Biopharmaceutics and Pharmaceutical Technology (8-11 March 2010: La Valletta, Malta).

Amighi, K., & Goole, J. (2010). *Potential application of gastro-retentive dosage forms in the treatment of Parkinson disease*. Paper session presented at European Modified Release Forum (21-22 April 2010: Londres, UK).

Pilcer, G., & Amighi, K. (2010). *Highly dispersive tobramycin dry powder formulations for inhalation*. Poster présenté à la conférence 7th World Meeting on Pharmaceutics Biopharmaceutics and Pharmaceutical Technology (8-11 March 2010: La Valletta, Malta.).

Amighi, K. (2010). *Lactose characteristics and the generation of the aerosol*. Paper session presented at International meeting on Lactose as a carrier for Inhalation Products (26-28 September 2010: Parma, Italy).

2009

Wauthoz, N., Deleuze, P., Hecq, J., Roland, I., Saussez, S., Adanja, I., Debeir, O., Decaestecker, C., Mathieu, V., Kiss, R., & Amighi, K. (2009). *In vivo assessment of temozolomide delivery systems for inhalation therapy of lung cancer*. Paper session presented at Journée doctorale Pôle Santé (17/12/2009: Campus Erasme).

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/85223/1/PRESENTATION.ppt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/85223/2/PRESENTATION.pdf>

Pilcer, G., Goole, J., Van Gansbeke, B., bloklet, D., Knoop, C., Vanderbist, F., & Amighi, K. (2009). *In vivo evaluation of new tobramycin dry powder formulations in cystic fibrosis patients*. Poster présenté à la conférence 9ième journée des doctorants.

Depreter, F., & Amighi, K. (2009). *Formulation and characterisation of lipid-coated insulin dry particles for lung administration*. Paper session presented at 14th Forum of Pharmaceutical Sciences (14: 15/05/2009: Blankenberge, Belgium).

Pilcer, G., Vanderbist, F., & Amighi, K. (2009). *New highly dispersive carrier-free dry powder formulations for inhalation*. Poster présenté à la conférence 36th Meeting and Annual Exposition of the Controlled Release Society (18-22 July 2009: Copenhagen, Denmark).

2008

Pilcer, G., Vanderbist, F., & Amighi, K. (2008). *Development and evaluation of the use of nanoparticles for dry powder inhalation*. Poster présenté à la conférence 6th World Meeting on Pharmaceutics Biopharmaceutics and Pharmaceutical Technology (7-10 April 2008: Barcelona, Spain).

Delporte, C., Van Antwerpen, P., Pilcer, G., Wauthoz, N., Zouaoui Boudjeltia, K., Moguilevsky, N., Amighi, K., Kauffmann, J.-M., & Neve, J. (2008). *Liposomes as a model of phospholipid membrane surfaces in the study of the role of myeloperoxidase in*

atherogenesis. Poster présenté à la conférence 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (Barcelona).

https://dipot.ulb.ac.be/dspace/bitstream/2013/68791/1/poster_delporte_barcelona.pdf

Goole, J., Deleuze, P., Vanderbist, F., & Amighi, K. (2008). Development of new L-Dopa sustained-release multiple-unit floating system coated with insoluble acrylic polymer. *6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* Abstract session presented at (Barcelona)

Goole, J., Vanderbist, F., & Amighi, K. (2008). Evaluation and floating enhancement of L-Dopa sustained-release floating minitabets coated with Eudragit® RL30D. *6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* Abstract session presented at (Barcelona)

Goole, J., Deleuze, P., Vanderbist, F., & Amighi, K. (2008). *Development of new L-Dopa sustained release multiple-unit floating system coated with insoluble acrylic polymer*. Poster présenté à la conférence 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Depreter, F., & Amighi, K. (2008). *Use of Solid Lipid microParticles (SLmP) for the pulmonary delivery of insulin*. Paper session presented at Ph.D. students in Pharmaceutical Sciences Day (20/05/2008: Brussels, Belgium).

Goole, J., Vanderbist, F., & Amighi, K. (2008). *Evaluation and floating enhancement of L-Dopa sustained release floating minitabets coated with Eudragit RL30D*. Poster présenté à la conférence 6th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (7th-10th April 2008: Barcelona, Spain).

2007

Goole, J., Vanderbist, F., & Amighi, K. (2007). Development and evaluation of new floating levodopa sustained release minitabets. *34th Annual meeting & Exposition of the Controlled Release Society* Abstract session presented at 34th Annual meeting & Exposition of the Controlled Release Society (Long Beach, USA)

Goole, J., Vanderbist, F., & Amighi, K. (2007). Development and evaluation of new multiple-unit sustained-release floating systems. *Société Belge des Sciences Pharmaceutiques* Abstract session presented at (Spa)

Goole, J., Vanderbist, F., & Amighi, K. (2007). Développement et évaluation de nouvelles formes pharmaceutiques flottantes à libération prolongée. *Journée de l'école doctorale* Abstract session presented at (ULB)

Goole, J., Vanderbist, F., & Amighi, K. (2007). *Development and evaluation of new floating levodopa sustained-release dosage form*. Poster présenté à la conférence 34th Annual meeting & Exposition of the Controlled Release Society (Long Beach USA).

Pilcer, G., Vanderbist, F., & Amighi, K. (2007). *Lung deposition and pharmacokinetic of tobramycin dry powder formulations in cystic fibrosis*. Paper session presented at 34th Annual Meeting & Exposition of the controlled release society (July 7-11, 2007: Long Beach, California U.S.A).

Pilcer, G., & Amighi, K. (2007). *La Tobramycine inhalée: Nébulisation versus poudre sèche*. Paper session presented at La mucoviscidose au quotidien (10ème édition) (24 novembre 2007: Centre de référence de la mucoviscidose).

Goole, J., Vanderbist, F., & Amighi, K. (2007). *Development and evaluation of new multiple-unit sustained-release floating systems*. Paper session presented at Journée des sciences pharmaceutiques belges (11 octobre 2007: Spa, Belgique).

Pilcer, G., & Amighi, K. (2007). *Development and in vivo evaluation of dry powder tobramycin formulations in the cystic fibrosis treatment*. Paper session presented at 13th Forum of Pharmaceutical Sciences (11-12 October 2007: Spa, Belgium).

2006

Goole, J., Vanderbist, F., & Amighi, K. (2006). *Development of new floating levodopa sustained-release minitablets*. Poster présenté à la conférence Journée de l'Ecole Doctorale.

Goole, J., Hamdani, J., Vanderbist, F., & Amighi, K. (2006). In vitro and in vivo evaluation in healthy volunteers of riboflavin sustained-release floating minitablets. *5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* Abstract session presented at 5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (Geneva)

Goole, J., Hamdani, J., Vanderbist, F., & Amighi, K. (2006). *In vitro and in vivo evaluation in healthy volunteers of a new sustained-release floating dosage form*. Poster présenté à la conférence 5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology.

Sebti, T., Pilcer, G., Van Gansbeke, B., Goldman, S., Michils, A., & Amighi, K. (2006). Gamma scintigraphic and pharmacokinetic study for assessing pulmonary deposition of budesonide from solid lipid formulations. *Abstract 5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* Abstract session presented at (March 27-30th, 2006: Geneva, Switzerland)

Pilcer, G., Sebt, T., & Amighi, K. (2006). Highly dispersive tobramycin DPI formulations obtained by coating Micronized particles by physiological lipids. *Abstract 5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* Abstract session presented at (March 27-30th, 2006: Geneva, Switzerland)

Hecq, J., Nollevaux, G., Deleers, M., Fanara, D., Vranckx, H., Peulen, O., Dandrifosse, G., & Amighi, K. (2006). In vivo transport studies of Nifedipine nanoparticles across Caco-2/ HT29-5M21 cultures and co-cultures. *Abstract 5th World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology* Abstract session presented at (March 27-30th, 2006: Geneva, Switzerland)

Durand, L., Habran, N., Denis, C., Meulders, L., Henschel, V., & Amighi, K. (2006). *Development of Sprayable sunscreen products with high sun protector factor*. Poster présenté à la conférence Abstract Skin and Formulation 2nd Symposium (October 9-10, 2006: Palais des Congrès Versailles, France).

2005

Sebti, T., & Amighi, K. (2005). Solid Lipid Particles as pharmaceutically acceptable fillers or carriers for inhalation. *Abstract PharmSciFair – The Pharmaceutical Science Fair & Exposition* Abstract session presented at (June 12-17, 2005: Nice, France)

Hamdani, J., Moes, A. J., & Amighi, K. (2005). Development of novel multiple-unit dosage forms by the melt pelletization process. *Abstract PharmSciFair – The Pharmaceutical Science Fair & Exposition* Abstract session presented at (June 12-17, 2005: Nice, France)

Hecq, J., Deleers, M., Fanara, D., Vranckx, H., & Amighi, K. (2005). Evaluation of high pressure homogenization for the preparation of nifedipine nanoparticules. *Abstract PharmSciFair – The Pharmaceutical Science Fair & Exposition* Abstract session presented at (June 12-17, 2005: Nice, France)

Hecq, J., Deleers, M., Fanara, D., Vranckx, H., & Amighi, K. (2005). *In vitro* evaluation and physicochemical characterization of nifedipine nanoparticules. Paper session presented at Abstract PharmSciFair – The Pharmaceutical Science Fair & Exposition (June 12-17, 2005: Nice, France).

2002

Amighi, K. (2002). *Development and evaluation of highly efficient lipidic formulations for the preparation of controlled-release pellets*. Paper session presented at APV conference (3th December 2002: Wurzburg (Germany)).

Eeckman, F., Moes, A. J., & Amighi, K. (2002). *Surfactant induced drug delivery based on the use of thermosensitive polymers*. Poster présenté à la conférence Proceeding 4rd World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (8-11 April 2002: Florence, Italie).

Amighi, K. (2002). *Développement et évaluation de formulations pour la préparation de microbilles à libération contrôlée dans un mélangeur – granulateur High Shear*. Paper session presented at Journées de formation Université – Industrie « poudres : granulation et compactage » (30 avril 2002: Faculté de Pharmacie de Limoges).

2001

Brasseur, S., Amighi, K., & Moes, A. J. (2001). *Preparation and evaluation of salbutamol controlled-release microparticles for pulmonary administration*. Paper session presented at 10th Forum of Pharmaceutical Sciences (24 and 25 may 2001: Montreal).

Amighi, K., Gil-Delgado, I., Malonne, H., Gusman, J., Fontaine, J., & Moes, A. J. (2001). *Preparation and evaluation of different formulations of paclitaxel nanoparticles*. Paper session presented at 10th Forum of Pharmaceutical Sciences (24 and 25 may 2001: Montreal).

Eeckman, F., Amighi, K., & Moes, A. J. (2001). *Thermosensitive polymers for oral controlled drug delivery based on poly-N-isopropylacrylamide and copolymers: A. Synthesis and characterisation of homo and copolymers*. Paper session presented at 10th Forum of Pharmaceutical Sciences (24 and 25 may 2001: Montreal).

Hamdani, J., Amighi, K., & Moes, A. J. (2001). *The use of lipidic excipients for the preparation of multiple-unit prolonged-release dosage forms: A. Physical characterization*

and compatibility with different drugs. Paper session presented at 10th Forum of Pharmaceutical Sciences (24 and 25 may 2001: Montreal).

Hamdani, J., Amighi, K., & Moes, A. J. (2001). *The use of lipidic excipients for the preparation of multiple-unit prolonged-release dosage forms: B. Development and evaluation of the melt pelletization process.* Paper session presented at 10th Forum of Pharmaceutical Sciences (24 and 25 may 2001: Montreal).

Brasseur, S., Amighi, K., & Moes, A. J. (2001). *Preparation and characterization of solid lipid microparticles for pulmonary administration of a dry powder inhaler.* Paper session presented at International Symposium on Materials Characterisation and Technol. (5-7 September 2001: Brussels).

Hamdani, J., Amighi, K., & Moës, A. (2001). *Physical characterization of lipidic excipients and compatibility studies with different drugs.* Paper session presented at International Symposium on Materials Characterisation and Technology (5-7 september 2001: Brussels).

Hamdani, J., Amighi, K., & Moes, A. J. (2001). *Development and evaluation of multiple-unit prolonged release dosage forms by the melt pelletization process.* Paper session presented at International Symposium on Materials Characterisation and Technology (5-7 September 2001: Brussels).

Amighi, K., Gil-Delgado, I., Malonne, H., Gusman, J., & Fontaine, J. (2001). *Preparation and characterization of paclitaxel loaded nanoparticles.* Paper session presented at International Symposium on Materials Characterisation and Technology (5-7 September 2001: Brussels).

Eeckman, F., Amighi, K., & Moes, A. J. (2001). *Thermosensitive polymers based on poly-N-isopropylacrylamide and copolymers for controlled drug delivery.* Paper session presented at International Symposium on Materials Characterisation and Technol. (5-7 September 2001: Brussels).

Eeckman, F., Amighi, K., & Moes, A. J. (2001). *Solubility properties of thermosensitive polymers for oral controlled drug delivery,* Paper session presented at International Symposium on Materials Characterisation and Technology (5-7 September 2001: Brussels).

Eeckman, F., Amighi, K., & Moes, A. J. (2001). *Thermosensitive polymers for oral controlled drug delivery based on poly-N-isopropylacrylamide and copolymers: B. In vitro drug delivery studies.* Paper session presented at 10th Forum of Pharmaceutical Sciences (24 and 25 may 2001: Montreal).

2000

Brasseur, S., Amighi, K., & Moes, A. J. (2000). *Evaluation of solid lipid microparticles for controlled drug delivery to the pulmonary tract.* Paper session presented at 9th Forum of Pharmaceutical Sciences (6/7 April 2000: Blankenberge).

Masuy, L., Amighi, K., & Moes, A. J. (2000). *Evaluation of chitosan for the preparation of microparticles for pulmonary drug delivery*. Paper session presented at 9th Forum of Pharmaceutical Sciences (6 and 7 April 2000: Blankenberge).

1999

Eeckman, F., Amighi, K., & Moes, A. J. (1999). *Thermo-responsive polymers for oral controlled-drug delivery*. Paper session presented at 8th Forum of Pharmaceutical Sciences (8 and 7 may 1999: Spa).

Hamdani, J., Amighi, K., & Moes, A. J. (1999). *Evaluation of lipidic excipients used for the preparation of controlled-release matrix pellets by melt granulation*. Paper session presented at 8th Forum of Pharmaceutical Sciences (8 and 7 may 1999: Spa).

Amighi, K. (1999). *Aspects Fondamentaux de la délivrance pulmonaire des médicaments*. Paper session presented at 1ères Journées Médicales et Pharmaceutiques du Burkina Faso (13-17 décembre 1999: Université de Ouagadougou).

1997

Amighi, K. (1997). *Stabilization of films obtained from aqueous dispersions of acrylic polymers*. Paper session presented at 26th International Eudragit Workshop 1997 (8-10th April 1997: Hotel Maritim, Darmstadt (Germany)).

1996

Amighi, K., Whitehead, L., Fell, J., & Collett, J. (1996). *Amoxicillin release from a buoyant dosage form*. Paper session presented at Conference on Advances in Controlled Delivery (August 1996: Controlled Release Society Inc., Baltimore).

Amighi, K. (1996). *Stabilisation de films obtenus à partir de dispersions aqueuses colloïdales de polymères acrylique*. Paper session presented at Journée de Conférences de la division Polymères et de la division de Chimie Thérapeutique de la Société Royale de Chimie (le 6 novembre 1996: UCB Pharma, Braine l'Alleud).

1995

Amighi, K., & Moes, A. J. (1995). *Determination of thermal properties of acrylic polymer aqueous dispersions used for film coating*. Poster présenté à la conférence 1st World Meeting on Pharmaceutics, Biopharmaceutics and Pharmaceutical Technology (May 1995: Budapest).

1994

Amighi, K., & Moes, A. J. (1994). *Evaluation of acrylic aqueous polymeric dispersions used for film coating by differential scanning calorimetry (DSC)*. *Abstract*. Vol. 49 (p. 93) Abstract session presented at 5ème Forum des Sciences Pharmaceutiques (18-19 mars 1994: Blankenberge).

1993

Amighi, K., & Moes, A. J. (1993). *Behaviour of film-coated dosage forms in aqueous fluids: variation of the resultant-weight and volume*. *Abstract*. Vol. 48 (p. 148) Abstract session presented at 4ème Forum des Sciences Pharmaceutiques (26-27 mars 1993: Blankenberge).

1991

Amighi, K., & Moes, A. J. (1991). Formulation of sustained-release film-coated pellets based on the use of acrylic polymer aqueous dispersion blends. *Abstract*. Vol. 46 (p. 116) Abstract session presented at 3ème Forum des Sciences Pharmaceutiques(15-16 mars 1991: Houffalize).

Brevets

2019

Arrighi, A., Marquette, S., Denis, L., Peerboom, C., Goole, J., & Amighi, K. (2019). *Dry microparticles composition*.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/301029/3/ArrighiPatentText.PDF>

2018

Amighi, K., Wauthoz, N., & Rosiere, R. (2018). *Dry powder inhalation formulation and its use for the therapeutic treatment of lungs*.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/299266/3/WO2020136276A1.pdf>

Amighi, K., Wauthoz, N., & Rosiere, R. (2018). *Kit for inhaled chemotherapy, and treatment of lung cancer with said kit*.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/299264/3/US20220023552A1.pdf>

2015

Van Woensel, M., Wauthoz, N., Rosiere, R., Mathieu, V., Kiss, R., Lefranc, F., Steelant, B., Van Gool, S. W., Mathivet, T., Gerhardt, H., Amighi, K., & De Vleeschouwer, S. (2015). *Development of siRNA-loaded chitosan nanoparticles targeting Galectin-1 for the treatment of glioblastoma multiforme via intranasal administration: patent application GB1519841.9 - PCT/EP2016/078547 & WO2017/089392A1*.

 https://dipot.ulb.ac.be/dspace/bitstream/2013/221148/3/WO2017089392A1_Original_document_20200106152748.pdf

Ronchi, F., Goole, J., Amighi, K., Guillaume, G., & Stephenne, V. S. (2015). *Multilayered pharmaceutically active compound-releasing microparticles in liquid dosage form*.

Goole, J., Deleers, M., Fanara, D., & Amighi, K. (2015). *Pharmaceutical Formulation*.

2013

Rosiere, R., Wauthoz, N., Gelbcke, M., & Amighi, K. (2013). *Formulations useful in the treatment of proliferative diseases affecting the respiratory tract: European Patent Number EP 13188995.8-1453. PCT/EP2014/072281 & WO2015/055796*.

 https://dipot.ulb.ac.be/dspace/bitstream/2013/156771/3/WO2015055796A1_Original_document_20200106154221.pdf

Amighi, K., Sereno, A. S. A., Ronchi, C., Wauthoz, N., & Hernandez, G. (2013). *Inhalable particle comprising tiotropium and indacaterol: European Patent Number EP 13382318.7 & WO2015/018800A1*.

 https://dipot.ulb.ac.be/dspace/bitstream/2013/156769/3/WO2015018800A1_Original_document_20200106153911.pdf

2012

Amighi, K., Reeffer, J., Goole, J., & De Vriese, C. (2012). *Formulations useful in the treatment of osteoarticular diseases*.

Reeffer, J., Amighi, K., De Vriese, C., & Goole, J. (2012). *Sustained-release formulations useful in the treatment of diseases*.

2011

Vanderbist, F., Sebt, T., Baudier, P., Deboeck, A., Amighi, K., & Duret, C. (2011). *Dry powder formulation of azole derivative for inhalation*.

2010

Amighi, K., & Sereno, A. S. A. (2010). *Inhalable particles comprising tiotropium*.

2009

Vanderbist, F., Baudier, P., Amighi, K., & Pilcer, G. (2009). *Pharmaceutical spray dried powder compositions for inhalation*.

2007

Vanderbist, F., Baudier, P., Amighi, K., & Pilcer, G. (2007). *Improved pharmaceutical dry powder compositions for inhalation*.

2006

Vanderbist, F., Baudier, P., Deboeck, A., Amighi, K., & Goole, J. (2006). *Controlled-release floating dosage form comprising fusible binder and gas generating agent*.

Amighi, K., & Sebt, T. (2006). *Solid Lipidic Particles as pharmaceutically acceptable fillers or carriers for inhalation*.

Thèses et mémoires

1995

Amighi, K. (1995). *Etude de l'influence des paramètres de formulation, de fabrication et de conservation sur les propriétés de formes orales multiunitaires à libération prolongée, enrobées à l'aide des dispersions aqueuses de polymères acryliques* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/212454/1/8b1ba732-d374-4895-9907-62dbaab7e1e2.txt>

Divers

2010

Amighi, K., Goole, J., Wauthoz, N., Deleuze, P., & Van Aelst, N. (2010). *Pharmacie galénique et magistrale: Travaux pratiques*. Bruxelles: Presses Universitaires de Bruxelles.

2009

Amighi, K., Goole, J., Wauthoz, N., Deleuze, P., & Van Aelst, N. (2009). *Pharmacie galénique et magistrale : Travaux pratiques*. Bruxelles: Presses Universitaires de Bruxelles.

2008

Amighi, K., Goole, J., & Wauthoz, N. (2008). *Pharmacie galénique et magistrale : Travaux pratiques*. Bruxelles: Presses Universitaires de Bruxelles.

2006

Amighi, K., Hecq, J., Sebt, T., & Hamdani, J. (2006). *Pharmacie galénique et magistrale : Travaux pratiques*. Bruxelles: Presses Universitaires de Bruxelles.

2002

Amighi, K. (2002). *Pharmacie galénique et magistrale : Travaux pratiques*. Bruxelles: Presses Universitaires de Bruxelles.

Direction de thèses

2023

Genevois, P. (2023). *Development and formulation of new antibody-based therapeutics to treat moderate-to-severe asthma*. (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

https://dipot.ulb.ac.be/dspace/bitstream/2013/363845/3/These_Gevenois_Publique_DIFusion.pdf

https://dipot.ulb.ac.be/dspace/bitstream/2013/363845/4/TABLE_OF_CONTENTS.pdf

<https://dipot.ulb.ac.be/dspace/bitstream/2013/363845/5/ContratDepotTheseGEVENOIS.pdf>

https://dipot.ulb.ac.be/dspace/bitstream/2013/359901/3/Thesis_Menchi_Final.pdf

https://dipot.ulb.ac.be/dspace/bitstream/2013/359901/4/Menchi_TableOfContents.pdf

<https://dipot.ulb.ac.be/dspace/bitstream/2013/359901/5/ContratDepotTheseMENCHI.pdf>

Menchi, E. (2023). *Development of dry powders for inhalation based on a combination of synergistic active drugs in the maintenance treatment of asthma and chronic obstructive pulmonary disease* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

https://dipot.ulb.ac.be/dspace/bitstream/2013/332586/4/Thesis_AA_final.pdf

<https://dipot.ulb.ac.be/dspace/bitstream/2013/332586/3/TableofcontentsThesisAA.docx>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/332586/5/ContratDepotTheseArrighi.pdf>

2021

Arrighi, A. (2021). *Development of antibody-loaded PLGA microparticles with sustained-release properties by spray-drying of a water-in-oil emulsion* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

https://dipot.ulb.ac.be/dspace/bitstream/2013/330989/4/Thesis_S.Chraibi_Final.pdf

<https://dipot.ulb.ac.be/dspace/bitstream/2013/330989/3/TableofcontentsThesisAA.docx>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/330989/5/ContratDepotTheseArrighi.pdf>

Chraibi, S. (2021). *Evaluation of the combination of a cisplatin-based dry powder inhaler with conventional treatments against lung tumours* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

https://dipot.ulb.ac.be/dspace/bitstream/2013/330989/4/Thesis_S.Chraibi_Final.pdf

<https://dipot.ulb.ac.be/dspace/bitstream/2013/330989/5/TableMat.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/330989/6/ContratDepotTheseChraibi.pdf>

2020

Ronchi, F. (2020). *DEVELOPMENT OF INNOVATIVE MODIFIED-RELEASE LIQUID ORAL DOSAGE FORMS* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/312267/4/ThesisRonchiFederica.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/312267/3/TableOfContentsRonchiFederica.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/312267/5/ContratDepotTheseRonchi.pdf>

2019

Merlos, R. (2019). *Development of Triazole-based Dry Powder Formulations for Inhalation* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/289299/4/tableofcontents.docx>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/289299/3/pagedecouverture.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/289299/5/these.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/289299/6/ContratRMerlos.pdf>

2017

Hecq, J. (2017). *Développement et évaluation de nanoparticules bioadhésives pour l'administration orale de peptides* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 https://dipot.ulb.ac.be/dspace/bitstream/2013/253866/3/These_J._Hecq.pdf

 https://dipot.ulb.ac.be/dspace/bitstream/2013/253866/4/Table_des_matières.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/253866/5/ContratJHecq.pdf>

Levet, V. (2017). *Development and Evaluation of Controlled-Release Cisplatin Dry Powders for Inhalation against Lung Tumours* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/249264/3/ThesisVincentLevet.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/249264/4/TOC.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/249264/5/ContratVLevet.pdf>

2016

Van Woensel, M. (2016). *Sensitization of glioblastoma tumor micro-environment to chemo- and immunotherapy by Galectin-1 reduction after intranasal anti-Gal-1 siRNA administration* (Thèse doctorale non-publiée). KU Leuven, Medicine, Neurosciences - Biomedicales Sciences, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/240945/3/TableofContents.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/240945/4/ThesisFinal24112016.pdf>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/240945/5/ContratMVanWoensel.pdf>

Rosiere, R. (2016). *Development of dry powder formulations for inhalation based on nanomedicine for targeted lung cancer therapy* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/232374/3/TOC.pdf>

 https://dipot.ulb.ac.be/dspace/bitstream/2013/232374/4/Thesis_ROSIERE.pdf

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/232374/5/ElectronicthesisDepositROSIERE.pdf>

2014

Marquette, S. (2014). *Stabilization and development of sustained-release formulations of protein/antibody for subcutaneous delivery* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209251/1/21b1073c-52af-475a-86e5-e8ed62b3cf63.txt>

Reeff, J. (2014). *Development and evaluation in vitro and in vivo of injectable hydrolipidic gels with sustained-release properties for the management of articular pathologies* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209288/1/b2c330f5-1d81-4392-aa01-4e0b721155b7.txt>

Moreno Y Banuls, L. (2014). *Caractérisation du potentiel anticancéreux des bufadiénolides, un groupe de stéroïdes cardiotoniques* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209315/1/c5d43d2f-bc73-445a-8c60-42a081872878.txt>

2013

Gaignaux, A. (2013). *Développement et évaluation de nouvelles formulations à libération prolongée à base de microparticules de PLGA en vue d'une administration intra-articulaire dans le traitement de pathologies inflammatoires* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209388/1/d383122d-aa2f-484e-9b9f-3df79fd89a15.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209388/4/1af66de9-3e36-4c2f-b284-59847ad15f36.txt>

Duret, C. (2013). *Développement et évaluation de poudres sèches pour inhalation à base d'itraconazole dans le cadre du traitement et de la prévention de l'aspergillose pulmonaire* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209499/1/efde2ce5-f17c-4d97-9637-b10fc51da3a6.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209499/2/76cce737-8dad-45d7-9beb-88e74a1332fd.txt>

2012

Depreter, F. (2012). *Development of dry powder formulations of proteins for inhalation* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209719/1/6d7c368c-2533-41e8-b83a-72318f6e8cf9.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209719/4/f159caa6-ba41-4d28-9968-05f092b72ad9.txt>

2011

Wauthoz, N. (2011). *Développement et évaluation de formulations pour inhalation à base d'anticancéreux dans le cadre du traitement des tumeurs pulmonaires* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/209814/4/ebf601bc-dd1c-4faa-94e7-b36d5b22710a.txt>

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/209814/1/66c3d435-716b-47b7-9c55-29961e000a90.txt>

2010

Durand, L. (2010). *Développement et formulations de produits solaires conditionnés sous forme d'aérosol* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210131/1/dbea3740-32a9-44ec-b170-7431a316cab4.txt>

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210131/4/c73a0d75-6661-4d31-a058-aaf0bfc229af.txt>

2008

Pilcer, G. (2008). *New highly effective dry powder tobramycin formulations for inhalation in the treatment of cystic fibrosis* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210447/4/4d7e9f49-2262-4074-9ac3-3af79f1ee63e.txt>

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210447/1/647ef050-7872-4e28-9fd3-c908800e110f.txt>

Goole, J. (2008). *Développement et évaluation de mini-comprimés flottants à libération prolongée* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210505/1/9c0c87c9-93be-4aec-acd2-53f38da3cceb.txt>

2006

Hecq, J. (2006). *Development, characterization and evaluation of crystalline nanoparticles for enhancing the solubility, the dissolution rate and the oral bioavailability of poorly water-soluble drugs* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210816/4/8b7c1c0d-f8b3-49ea-8896-a9cb6f7e8eee.txt>

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210816/1/bdad33df-4bd2-4a2d-bc6f-b5eea1c3c5d0.txt>

Sebti, M. T. (2006). *Développement et évaluation de formulations lipidiques à poudre sèche pour inhalation* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

ULB <https://dipot.ulb.ac.be/dspace/bitstream/2013/210862/1/a7d70023-08db-4f97-b499-e49db41c0b54.txt>

⑧ <https://dipot.ulb.ac.be/dspace/bitstream/2013/210862/4/ec913995-1e54-4c5d-b3e5-e4fd6fe73caa.txt>

2005

Hamdani, J. (2005). *Développement de formes orales divisées à libération prolongée par la technique de la pellétisation thermoplastique* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/211027/1/daea89ec-6290-4aab-b110-eb61de0b2054.txt>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/211027/4/b3c40639-9ce4-4aeb-9bde-21ac6997478b.txt>

2003

Eeckman, F. (2003). *Développement d'un nouveau concept de délivrance basé sur l'utilisation de polymères thermosensibles* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/211304/1/fcd17274-7ace-4ef3-abe2-764bcf69d214.txt>

Benameur, H. (2003). *Développement, optimisation et caractérisation d'une pro-drogue lipophile de la dexaméthasone sous forme liposomale* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/211320/1/c55512d3-939c-4a54-8f2d-d761fee387ef.txt>

Participation aux jurys de thèse

2021

Carlier, E. (2021). *Development of 3D printed implants for subcutaneous administration of sustained-release antibodies* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/326756/4/TheseEmericVF.pdf>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/326756/5/TABLEOFCONTENTS.docx>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/326756/6/ContratDepotTheseCarlier.pdf>

2011

Le Calve, B. (2011). *Caractérisation des mécanismes de résistance des cellules gliales tumorales à la chimiothérapie et identification de nouvelles pistes chimiothérapeutiques potentielles* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209803/4/3b0a75b3-be9c-4019-9f1a-da1ef7546c05.txt>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209803/1/23875dbc-7922-4d33-a329-57cc2d36a891.txt>

2008

Ouedraogo, M. (2008). *Développement d'un implant biodégradable à base de gentamicine et de monoléine destiné au traitement des ostéomyélites chroniques* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210537/8/5b61681a-1fd1-4544-b33c-26ba9b8b0cbb.txt>

📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210537/1/d4d2a701-95d9-4922-b9b2-bf47887e3c64.txt>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/210537/2/afc683be-5009-4734-82f2-cde165f95a10.txt>
<https://dipot.ulb.ac.be/dspace/bitstream/2013/210537/3/a05021bb-6f77-4e57-8cd0-5c1bee4554df.txt>
<https://dipot.ulb.ac.be/dspace/bitstream/2013/210537/4/73f1b4cb-31b5-43f2-9112-af77570f7bfd.txt>
<https://dipot.ulb.ac.be/dspace/bitstream/2013/210537/5/c5a29635-f9ba-48d5-b47f-c46d223b8bcf.txt>

Président de jurys de thèse

2024

Deruyver, L. (2024). *Combining 3D-printed nasal cast and pharmaceutical formulation towards N2B delivery* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/377796/3/TheseDeruyverLaura.pdf>
<https://dipot.ulb.ac.be/dspace/bitstream/2013/377796/4/Table.pdf>
<https://dipot.ulb.ac.be/dspace/bitstream/2013/377796/5/ContratDepotTheseDERUYVER.pdf>

Ravon, F. (2024). *In vitro and in vivo evaluations of an innovative drug combination for pulmonary administration against tuberculosis* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/376594/3/Manuscrit.pdf>
<https://dipot.ulb.ac.be/dspace/bitstream/2013/376594/4/Table.pdf>
<https://dipot.ulb.ac.be/dspace/bitstream/2013/376594/5/ContratDepotTheseRAVON.pdf>

2019

Salade, L. (2019). *Development and Characterization of formulations for the nose-to-brain delivery of ghrelin and the management of cachexia* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

https://dipot.ulb.ac.be/dspace/bitstream/2013/293518/4/TABLE_OF_CONTENT.pdf
https://dipot.ulb.ac.be/dspace/bitstream/2013/293518/3/These_Laurent_Salade_2019_Modifications_Clear.pdf
<https://dipot.ulb.ac.be/dspace/bitstream/2013/293518/5/ContratLSalade.pdf>

2014

Claeys, C. (2014). *Contribution à l'étude de la continuité des traitements médicamenteux des patients lors de leur sortie de l'hôpital* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

<https://dipot.ulb.ac.be/dspace/bitstream/2013/209187/1/f7aa91db-8bdd-47a1-84ac-0096cc100ae7.txt>

2013

Soubhye, J. (2013). *Design, synthesis and study of myeloperoxidase inhibitors in the series of 3-alkylindole* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209402/1/819b424d-b73d-41bc-ba4a-aac2805f146e.txt>

2012

Delporte, C. (2012). *Etude des modifications de l'apolipoprotéine B-100 induites par la myéloperoxydase à l'aide de la chromatographie liquide couplée à la spectrométrie de masse* (Thèse doctorale non-publiée). Université libre de Bruxelles, Faculté de Pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209655/1/3d27835d-03bc-4b9d-abc9-10ca530f0b67.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/209655/2/b26b1c29-b774-4046-be36-5db1cfac5d18.txt>

2008

Tré-Hardy, M. (2008). *Etude de synergies médicamenteuses dans le traitement d'infections liées à des biofilms dans la mucoviscidose* (Thèse doctorale non-publiée). Université libre de Bruxelles, Institut de pharmacie, Bruxelles.

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/1/1db69f4e-53ec-4200-b4b4-333a628b0119.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/2/25d906e5-9d3f-4f99-b68e-f58a2a6cbb74.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/3/6fe0bc80-ad69-4819-b99e-311aa252761c.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/4/5604c96e-4101-4581-995a-224b08d25c6e.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/5/cb90085d-161b-4bb5-b065-ef7720e377d9.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/6/18b32ab1-0461-4664-8afa-e7fe5015b2c8.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/7/0eb35094-706e-4f51-8a29-3a10ede6b455.txt>

 <https://dipot.ulb.ac.be/dspace/bitstream/2013/210421/10/60ba9451-7335-4ba5-a11e-7fc72fd66d93.txt>