

# Liste de publications de Nathalie Wauthoz

Liste établie en fonction du [Guide du proposant FNRS Année 2026](#)

## 1. Ouvrages publiés en tant qu'auteur, co-auteur ou éditeur

1. 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>
2. **Wauthoz, N.**, & Amighi, K. (2015). *Pulmonary drug delivery : Advances and Challenges: Formulation strategies for pulmonary drug delivery of poorly soluble drugs*. Wiley.
3. **Wauthoz, N.** (2014). *La chimiothérapie inhalée pour combattre les tumeurs pulmonaires: Développement de poudres sèches pour inhalation à base de témozolomide*.

## 2. Chapitres d'ouvrages ou participation à un ouvrage collectif, en tant qu'auteur ou co-auteur de la partie

1. **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>













## 3. Articles publiés dans des journaux à comité de lecture

1. Bui, L., Vukanovic, T., Fiaschi, T., Merlos, R., Sebti, T., Vander Heyden, Y., Amighi, K., & **Wauthoz, N.** (2026). Determination of the optimal resistance in RS01 for robust aerosol performance of inhaled controlled-release budesonide powder for chronic obstructive inflammatory respiratory diseases patients. *International Journal of Pharmaceutics: X*, 12, 100581. doi:10.1016/j.ijpx.2026.100581  
[https://dipot.ulb.ac.be/dspace/bitstream/2013/408656/1/doi\\_392300.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/408656/1/doi_392300.pdf)  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/408656/5/IJPX.pdf>
2. Gevenois, P., Bui, L., Sebti, T., Vander Heyden, Y., Amighi, K., & **Wauthoz, N.** (2026). Optimization of Sugar-Derivatives Mixtures for Stabilizing Polyclonal Immunoglobulin G in Spray-Dried Inhalable Powders During Processing and Long-Term Storage. *Pharmaceutics*, 18(5). doi:10.3390/pharmaceutics18050573  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/408655/3/pharmaceutics2026.pdf>
3. Ravon, F., Berns, E., Lambert, I., Rens, C., Adnet, P.-Y., Kiass, M., Megalizzi, V., Delporte, C., Baulard, A. R., Mathys, V., Boarbi, S., **Wauthoz, N.**, & Fontaine, V. (2025). Assessment of Innovative Dry Powders for Inhalation of a Synergistic Combination Against Mycobacterium tuberculosis in Infected Macrophages and Mice. *Pharmaceutics*, 17(6), 705. doi:10.3390/pharmaceutics17060705  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/391208/3/Ravon2025.pdf>

- <https://dipot.ulb.ac.be/dspace/bitstream/2013/391208/4/Ravon2025annexe.pdf>
4. Frangville, P., Tanwar, A. S., Kumar, S., Gelbcke, M., **Wauthoz, N.**, Basov, S., Van Bael, M., Van Hecke, K., & Meyer, F. (2024). Sensing diversity in halogen-bonded multi-stimuli responsive materials: Light, pH, magnetism, and electron-rich species. *Materials Today Chemistry*, 40, 102234. doi:10.1016/j.mtchem.2024.102234  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/376960/3/a.pdf>
  5. Xiroudaki, S., Sabbatini, S., Pecoraro, C., Cascioferro, S., Diana, P., **Wauthoz, N.**, Antognelli, C., Monari, C., Giovagnoli, S., & Schoubben, A. (2023). Development of a new indole derivative dry powder for inhalation for the treatment of biofilm-associated lung infections. *International journal of pharmaceutics*, 631, 122492.  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/371027/3/Xiroudaki.pdf>
  6. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/352307/1/doi_335951.pdf)
  7. Ravon, F., Menchi, E., Lambot, C., Al Kattar, S., Chraibi, S., Rimmelink, M., Fontaine, V., & **Wauthoz, N.** (2022). In vitro and in vivo local tolerability of a synergistic anti# tuberculosis drug combination intended for pulmonary delivery. *Journal of applied toxicology*, 1-14. doi:10.1002/jat.4381  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/349199/3/JAT22.pdf>  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/349199/4/Paper.pdf>
  8. 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. *Pharmaceutics*, 15(8). doi:https://doi.org/10.3390/ph15080963  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/346610/3/pharmaceutics-15-00963.pdf>
  9. 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>
  10. Chraibi, S., Rosiere, R., De Prez, E., Gérard, P., Antoine, M.-H., Langer, I., Nortier, J., Rimmelink, 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/325012/1/doi_308656.pdf)
  11. Chraibi, 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 pharmaceutics and biopharmaceutics*, 164, 93-104. doi:10.1016/j.ejpb.2021.04.018

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

12. Chraibi, 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 pharmaceutics*, 599, 120425. doi:10.1016/j.ijpharm.2021.120425  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/321208/3/IJPB.pdf>
13. **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>
14. Nieto-Orellana, A., Li, H., Rosiere, R., **Wauthoz, N.**, Williams, H., Monteiro, C. J., Bosquillon, C., Childerhouse, N., Keegan, G., Coghlan, D., Mantovani, G., & Stolnik, S. (2019). Targeted PEG-poly(glutamic acid) complexes for inhalation protein delivery to the lung. *Journal of controlled release*, 316, 250-262. doi:10.1016/j.jconrel.2019.10.012  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/296540/4/NietoOrellanaJCR.pdf>  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/296540/3/NietoOrellanaJCR.pdf>
15. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/285229/4/doi_268856.pdf)
16. Albertini, B., Mathieu, V., Iraci, N., Van Woensel, M., Schoubben, A., Donnadio, A., Greco, S., Ricci, M., Temperini, A., Blasi, P., & **Wauthoz, N.** (2019). Tumor Targeting by Peptide-Decorated Gold Nanoparticles. *Molecular pharmaceutics*, 16(6), 2430-2444. doi:10.1021/acs.molpharmaceut.9b00047  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/288792/3/MolPharmBA.pdf>  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/288792/4/AlbertiniMolPharm.pdf>
17. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/284730/4/Elsevier_268357.pdf)
18. **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](https://dipot.ulb.ac.be/dspace/bitstream/2013/282618/1/Elsevier_266245.pdf)

19. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/271854/4/Elsevier_255481.pdf)
20. Rosiere, R., Hureauux, 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/2013/270863/1/Elsevier_254490.pdf)  
📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/270863/5/RMR2.pdf>
21. Rosiere, R., Hureauux, 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/270862/1/Elsevier_254489.pdf)
22. 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>
23. 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/2013/261537/4/doi_245164.pdf)  
📄 <https://dipot.ulb.ac.be/dspace/bitstream/2013/261537/3/SaladeIJN.pdf>
24. **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 pharmaceuticals*, 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/257304/3/Elsevier_240931.pdf)
25. Cieslak, A., **Wauthoz, N.**, Orellana, A. N., Lautram, N., Béjaud, J., Hureauux, J., Lafleur, M., Benoit, J.-P., Salomon, C. J., & Bastiat, G. (2017). Stealth nanocarriers based sterosomes using PEG post-insertion process. *European journal of pharmaceuticals and biopharmaceutics*, 115, 31-38. doi:10.1016/j.ejpb.2017.02.008  
📄 [https://dipot.ulb.ac.be/dspace/bitstream/2013/249640/1/Elsevier\\_233267.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/249640/1/Elsevier_233267.pdf)
26. Van Woensel, M., Mathivet, T., **Wauthoz, N.**, Rosiere, R., Garg, A. D., Agostinis, P. M., 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/239584/4/doi_223211.pdf)
27. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/239521/3/Elsevier_223148.pdf)
28. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/239528/3/Elsevier_223155.pdf)
29. Labranche, N., Youl, E. N. H., El Khattabi, C., Dewachter, L., **Wauthoz, N.**, Delporte, C., Berkenboom, G., & Pochet, S. (2016). Rosuvastatin and vascular oxidative stress induced by diesel exhaust particles. *Acta cardiologica*, 71(5), 565 - 572. doi:10.2143/AC.71.5.3167500
30. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/220572/4/Elsevier_204199.pdf)
31. Ianni, F., Schoubben, A., Montesano, D., **Wauthoz, N.**, Cossignani, L., Sardella, R., & Natalini, B. (2016). Quantitative assay of capreomycin oleate levels in a drug formulation for inhalation with a fully validated HPLC method. *Journal of pharmaceutical and biomedical analysis*, 120, 413-418. doi:10.1016/j.jpba.2015.11.040  
 [https://dipot.ulb.ac.be/dspace/bitstream/2013/220580/5/Elsevier\\_204207.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/220580/5/Elsevier_204207.pdf)  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/220580/3/ianni.pdf>  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/220580/4/ArticleIanni.pdf>
32. 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 pharmaceutics*. doi:10.1016/j.ijpharm.2016.01.073  
 [https://dipot.ulb.ac.be/dspace/bitstream/2013/226441/1/Elsevier\\_210068.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/226441/1/Elsevier_210068.pdf)
33. 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 pharmaceutics*, 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/238807/4/Elsevier_222434.pdf)
34. 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>
35. **Wauthoz, N.**, Bastiat, G., Moysan, E., Cieslak, A., Kondo, K., Zandecki, M., Moal, V., Rousselet, M.-C., Hureauux, J., & Benoit, J.-P. (2015). Safe lipid nanocapsules-based gel technology to target lymph nodes and combat mediastinal metastases from an orthotopic non-small-cell lung cancer model in SCID-CB17 mice. *Nanomedicine*, 11(5), 1237-1245. doi:10.1016/j.nano.2015.02.010  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/188859/1/Nanomedicine.pdf>  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/188859/2/Nanomedicinepreprint.docx.doc>  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/188859/3/Nanomedicinepostprint.docx>
36. 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/2013/176062/1/2014_Merlos_et_al_Curr_Fungal_Infect_Rep.pdf)  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/176062/6/2014Merlospreprint.pdf>
37. **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/2013/176060/1/2014_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>
38. 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 pharmaceuticals 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/143342/3/Elsevier_126987.pdf)
39. Bury, M., Novo-Uzal, E., Andolfi, A., Cimini, S., **Wauthoz, N.**, Heffeter, P., Lallemand, B., Avolio, F., Delporte, C., Cimmino, A., Dubois, J., Van Antwerpen, P., Zonno, M. C., Vurro, M., Poumay, Y., Berger, W., Evidente, A., De Gara, L., Kiss, R., & Locato, V. (2013). Ophiobolin A, a sesterterpenoid fungal phytotoxin, displays higher in vitro growth-inhibitory effects in mammalian than in plant cells and displays in vivo antitumor activity. *International journal of oncology*, 43(2), 575-585. doi:10.3892/ijo.2013.1979  
 [https://dipot.ulb.ac.be/dspace/bitstream/2013/149582/1/2013\\_Bury\\_et\\_al\\_IJO.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/149582/1/2013_Bury_et_al_IJO.pdf)
40. 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/2013/143344/1/2013_Mathieu_et_al_Molecules.pdf)  
 [https://dipot.ulb.ac.be/dspace/bitstream/2013/143344/4/doi\\_126992.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/143344/4/doi_126992.pdf)

41. 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 $\beta$ -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/2013/167740/1/2012_Lallemand_et_al_J_Pharm_Pharmacology.pdf)  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/167740/4/167740.pdf>
42. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/156761/4/doi_141768.pdf)
43. 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/2013/128954/4/doi_110746.pdf)  
[https://dipot.ulb.ac.be/dspace/bitstream/2013/128954/1/Duret\\_et\\_al\\_IntJNanomed\\_2012.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/128954/1/Duret_et_al_IntJNanomed_2012.pdf)
44. Duret, C., **Wauthoz, N.**, Merlos, R., Goole, J., Maris, C., Roland, I., Sebti, 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/122583/4/Elsevier_103756.pdf)
45. 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 Ca<sup>2+</sup> 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/2013/126042/1/JCMM_16_1421.pdf)  
[https://dipot.ulb.ac.be/dspace/bitstream/2013/126042/4/doi\\_107580.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/126042/4/doi_107580.pdf)
46. Duret, C., **Wauthoz, N.**, Sebti, 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/2013/122586/4/Elsevier_103760.pdf)  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/122586/1/122586.pdf>
47. Duret, C., **Wauthoz, N.**, Sebti, 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>

48. 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>
49. **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>
50. Lamoral-Theys, D., Pottier, L., Kerff, F., Dufrasne, F., Proutiere, F., **Wauthoz, N.**, Neven, P., Ingrassia, L., Van Antwerpen, P., Lefranc, F., Gelbcke, M., Pirotte, B., Kraus, J.-L., Neve, J., Kornienko, A., Kiss, R., & Dubois, J. (2010). Simple di- and trivanillates exhibit cytostatic properties toward cancer cells resistant to pro-apoptotic stimuli. *Bioorganic & medicinal chemistry*, 18(11), 3823-3833. doi:10.1016/j.bmc.2010.04.047  
[https://dipot.ulb.ac.be/dspace/bitstream/2013/129469/1/BMC\\_18\\_3823.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/129469/1/BMC_18_3823.pdf)
51. **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](https://dipot.ulb.ac.be/dspace/bitstream/2013/51846/10/Elsevier_26973.pdf)
52. Lamoral-Theys, D., Andolfi, A., Van Goietsenoven, G., Cimmino, A., Le Calve, B., **Wauthoz, N.**, Megalizzi, V., Gras, T., Bruyère, C., Dubois, J., Mathieu, V., Kornienko, A., Kiss, R., & Evidente, A. (2009). Lycorine, the main phenanthridine Amaryllidaceae alkaloid, exhibits significant antitumor activity in cancer cells that display resistance to proapoptotic stimuli: an investigation of structure-activity relationship and mechanistic insight. *Journal of medicinal chemistry*, 52(20), 6244-6256. doi:10.1021/jm901031h  
[https://dipot.ulb.ac.be/dspace/bitstream/2013/51860/1/2009\\_Lamoral\\_Theys\\_et\\_al\\_J\\_Med\\_Chem.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/51860/1/2009_Lamoral_Theys_et_al_J_Med_Chem.pdf)
53. Charlier, N., Driesschaert, B., **Wauthoz, N.**, Beghein, N., Préat, 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/68046/1/Elsevier_45115.pdf)
54. **Wauthoz, N.**, Balde, A. M., Balde, E. S., Van Damme, M., & Duez, P. (2007). Ethnopharmacology of *Mangifera indica* L. Bark and Pharmacological Studies of its Main C-Gucosylxanthone, Mangiferin. *International Journal of Biomedical and Pharmaceutical Sciences*, 1(2), 112-119.  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/68233/1/IJBPS-20-2007.pdf>

#### 4. Articles publiés dans des actes de conférence

1. Bui, L., Denis, O., Blockx, M.-C., Beyers, L., Amighi, K., & **Wauthoz, N.** (2025). Efficacy evaluation of controlled-release budesonide dry powder for inhalation for moderate-to-severe asthma in guinea pigs. *Abstract in Digital Book of Proceedings 2025 Drug Delivery to the Lungs*(2025: 10-12rd December 2025: Edinburg (UK))  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/402622/3/DDL25Buab.pdf>  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/402622/4/DDL25Buipo.pdf>
2. Hennia, I., Mingers, B., **Wauthoz, N.**, Amighi, K., & Rosiere, R. (2025). Impact of Blistering Process on the Aerodynamic Performance of Capsules Filled with a Lipid-based Dry Powder for Inhalation. *Abstract in Digital Book of Proceedings 2025 Drug Delivery to the Lungs*(2025: 10-12th December: Edinburg)  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/402623/3/DDL25Henniaab.pdf>  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/402623/4/DDL25Henniapo.pdf>
3. Bui, L., Menchi, E., Blockx, M.-C., Denis, O., Delporte, C., Amighi, K., & **Wauthoz, N.** (2024). Pharmacokinetic evaluation of controlled release dry powders for inhalation based on budesonide in healthy rats. *Journal of Aerosol Medicine and Pulmonary Drug Delivery*, (35).  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/402620/3/DDL24podiumab.pdf>
4. 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>
5. **Wauthoz, N.**, Gevenois, P., Menchi, E., Lambot, C., Sebti, T., & Amighi, K. (2023). Evaluation of the Efficacy of an Innovative Triparatopic Anti-IL13 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>
6. **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>
7. 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>
8. 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>
9. Ravon, F., Menchi, E., Remmelink, M., Chraibi, S., Fontaine, V., & **Wauthoz, N.** (2022). In vitro and in vivo evaluations of the tolerance of a new and innovative anti-tuberculosis drug combination by inhalation. *Abstracts from The Aerosol Society Drug Delivery to the Lungs* 32. Vol. 35(35), A1-A20 (pp. 1-20) Drug Delivery to the Lungs(32: 8-10th December: Virtual). doi:10.1089/jamp.2022.ab01.abstracts  
 <https://dipot.ulb.ac.be/dspace/bitstream/2013/345308/3/DDL2021.pdf>
  10. 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>
  11. 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>
  12. **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>
  13. 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>
  14. **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>
  15. 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>
  16. **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>
17. 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>
  18. 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>
  19. **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](https://dipot.ulb.ac.be/dspace/bitstream/2013/229703/4/AF_Poster_RDD_2016.pdf)
  20. 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).
  21. **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>
  22. Merlos, R., **Wauthoz, N.**, Belhassan, L., Sebti, 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>
  23. 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>
24. **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>
25. 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>
26. 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.
27. 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.

## 5. Présentations orales dans des conférences avec comité scientifique de sélection

1. 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/abstract2025bpsabidliimane.pdf>
2. 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>
3. Guilao, M. G. M., **Wauthoz, N.**, Bah, T. V. B. T., Atchade, C., Traore, T., Souard, F., Sombié, C., Semdé, R., & Balde, E. S. (2025). *Physicochemical and rheological characterization of new local excipient powders as adjuvant for oral formulations*. Paper session presented at Forum des sciences pharmaceutiques, BSPS (22: 31st March-1st April 2025: La-roche-en-Ardenne, Belgium).  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/391782/3/abstract.pdf>
  4. 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>
  5. **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>
  6. **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>
  7. **Wauthoz, N.** (2024). *Optimisation of Nanobodies for Astma*. Paper session presented at Formulation & Delivery 2024 (25 & 26-04-2024: london).  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/375006/3/Brochure.pdf>
  8. 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>
  9. **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](https://dipot.ulb.ac.be/dspace/bitstream/2013/363899/3/Book_of_Abstracts_ISAM_2023_Final_PW.pdf)
  10. **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>
  11. **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>

12. 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>
13. Ravon, F., Menchi, E., Rimmelink, M., Chraibi, S., Fontaine, V., & **Wauthoz, N.** (2021). *In vitro and in vivo evaluations of the tolerance of a new and innovative anti-tuberculosis drug combination by inhalation.* Paper session presented at Drug Delivery to the Lung (32: 8-10th December 2021: Virtual).  
[https://dipot.ulb.ac.be/dspace/bitstream/2013/345313/3/34.Ravon\\_.pdf](https://dipot.ulb.ac.be/dspace/bitstream/2013/345313/3/34.Ravon_.pdf)
14. **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).
15. 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>
16. **Wauthoz, N.** (2018). *Formulation strategies of dry powders related to the lung diseases.* Paper session presented at SimInhale COST action MP1404 Summer School 2018 and 5th Workshop on Pulmonary Drug Delivery (3-6th September 2018: Dublin).  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/299313/3/DFWauthoz.pdf>
17. **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>
18. 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)).
19. 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)).
20. **Wauthoz, N.**, Hennis, 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>

21. 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>
22. **Wauthoz, N.** (2015). *The Behavior of Capsule-based DPIs Among Marketed Inhaled Medicines - A Comparative Case Using Formoterol*. Paper session presented at Capsule Based Inhalers : Understanding the Science (9/06/2015: London).  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/206600/3/20150609WAUTHOZ.pdf>
23. Merlos, R., **Wauthoz, N.**, Belhassan, L., Sebti, 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).
24. 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>
25. **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>
26. 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>
27. **Wauthoz, N.** (2014). *Dry Powders for Inhalation : Which Device, Capsule, Formulation?* Paper session presented at Capsule-based Inhalers: Understanding the Science (25-11-2014: Basel, Switzerland).  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/178192/1/Wauthoz.pptx>  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/178192/2/Wauthoz.pdf>
28. Bastiat, G., **Wauthoz, N.**, Kondo, K., & Benoit, J.-P. (2014). *Modified Gemcitabine-loaded Lipid Nanocapsules-based Gel Technology to Target Lymph Nodes and Combat*

*Mediastinal Metastases*. Paper session presented at France-Japan Drug Delivery System Symposium (11th: 5-8th October 2014: Awaji Island).

<https://dipot.ulb.ac.be/dspace/bitstream/2013/176057/1/Abstract.pdf>

29. 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>
30. 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>
31. 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).
32. 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 SBSP (17: 17-18/10/2013: Spa).
33. **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>
34. **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>
35. **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>
36. **Wauthoz, N.** (2011). *Temozolomide by inhalation for the treatment of lung tumors : Preclinical investigation and development of dry powder formulations for inhalation*. Paper session presented at Forum des sciences pharmaceutiques de la société belge des sciences pharmaceutiques (15ème: 13 et 14/05/2011: Spa).  
<https://dipot.ulb.ac.be/dspace/bitstream/2013/106572/1/PRESENTATION.ppt>

<https://dipot.ulb.ac.be/dspace/bitstream/2013/106572/2/PRESENTATION.pdf>

37. **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>
38. **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).
39. Lamoral-Theys, D., Dufrasne, F., **Wauthoz, N.**, Kerff, F., Lefranc, F., Neve, J., Dubois, J., & Kiss, R. (2010). *New Polyol Vanilloyl Esters with Anti-tumor Effects Throught the Targeting of Kinases Controlling the Actin Cytoskeleton*. Paper session presented at Journée des doctorants de Pharmacie (28 mai 2010: ULB).
40. **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>

## 6. Brevets

1. 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>
2. 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>
3. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/221148/3/WO2017089392A1_Original_document_20200106152748.pdf)
4. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/156771/3/WO2015055796A1_Original_document_20200106154221.pdf)

5. 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](https://dipot.ulb.ac.be/dspace/bitstream/2013/156769/3/WO2015018800A1_Original_document_20200106153911.pdf)