

Scientific work performed thanks to the Bennink Foundation

Amsterdam, April 2018

Scientific Articles and Reviews:

2014

1. Garajová I, Le Large TY, Frampton AE, Rolfo C, Voortman J, Giovannetti E. **Molecular mechanisms underlying the role of microRNAs in the chemoresistance of pancreatic cancer.** *Biomed Res Int* 2014;2014:678401.

2015

1. Le Large TY, Meijer LL, Prado MM, Kazemier G, Frampton AE, Giovannetti E. **Circulating microRNAs as diagnostic biomarkers for pancreatic cancer.** *Exp Rev Mol Diagnostics.* 2015;15(12):1525-9.
2. Le Large TY, Frampton AE, Meijer LL, Stebbing J, Kazemier G, Giovannetti E. **Usefulness of Measuring microRNAs in Bile and Plasma for Pancreatic Ductal Adenocarcinoma Diagnosis.** *Am J Gastroenterol* 2015;110(5):768-9.

2016

1. Le Large TY, Mato Prado M, Krell J, Bijlsma MF, Meijer LL, Kazemier G, Frampton AE, Giovannetti E. **Bioinformatics reveals pancreatic cancer molecular subtypes specific to the tumor and microenvironment.** *Exp Rev Mol Diagnostics* 2016;16(7):733-6.
2. Caparello C,* Meijer LL,* Garajova I, Falcone A, Le Large TY, Funel N, Kazemier G, Peters GJ, Vasile E, Giovannetti E. **FOLFIRINOX and translational studies: Towards personalized therapy in pancreatic cancer.** *World J Gastroenterol.* 2016;22(31):6987-7005. (*equally contributed)
3. Meijer LL, Puik JR, Kazemier G, Peters GJ, Giovannetti E. **The hENT-1 Expression and Localization Predict Outcome to Adjuvant Gemcitabine in Resected Cholangiocarcinoma Patients.** *Oncologist.* 2016;21(12):e4.

2017

1. Le Large TYS, Bijlsma MF, Kazemier G, van Laarhoven HMW, Giovannetti E, Jimenez C.R. **Key biological processes driving metastatic spread of pancreatic cancer as identified by multi-omics studies.** *Semin Cancer Biol* 2017;44:153-169. <http://dx.doi.org/10.1016/j.semcancer.2017.03.008>
2. Meijer LL, Frampton AE, Garajova I, Caparello C, Le Large TYS, Funel N, Vasile E, Stebbing J, Krell J, Kazemier G, Giovannetti E. **Circulating microRNAs as dynamic biomarkers of response to treatment with FOLFIRINOX combination therapy in advanced pancreatic ductal adenocarcinoma.** *Lancet* 2017;389, S68, [http://dx.doi.org/10.1016/S0140-6736\(17\)30464-6](http://dx.doi.org/10.1016/S0140-6736(17)30464-6)
3. Best MG, ..., Le Large TY, Meijer LL, Kazemier G, Giovannetti E et al. **Swarm Intelligence-Enhanced Detection of Non-Small-Cell Lung Cancer Using Tumor-Educated Platelets.** *Cancer Cell.* 2017;32(2):238-252.e9. doi: 10.1016/j.ccell.2017.07.004 doi: 10.1016/j.ccell.2017.07.004.
4. Puik JR,* Meijer LL,* Le Large TYS, Prado MM, Frampton AE, Kazemier G, Giovannetti E. **MicroRNA profiling for diagnosis, prognosis and stratification of cancer treatment in cholangiocarcinoma.** *Pharmacogenomics.* 2017;18(14):1343-1358. doi: 10.2217/pgs-2017-0010 (*equally contributed)

Book Chapters:

1. Garajová I, Le Large TY, Giovannetti E, Kazemier G, Biasco G, Peters GJ. **The role of microRNAs in resistance to current pancreatic cancer treatment: translational studies and basic protocols for extraction and PCR analysis.** *Methods Mol Biol.* 2016;1395:163-87. *Chapter 10.*
2. Meijer LL, Puik JR, Le Large TYS, Frampton AE, Kazemier G, Giovannetti E. **Modification of drug response by microRNAs and microRNA polymorphisms.** *Royal Society of Chemistry Book: MicroRNAs in Diseases and Disorders: Emerging Therapeutic Targets, edited by Dr Philip Peplow. (in preparation)* (*equally contributed)

Congress Abstracts / Posters / Presentations:

2014

1. Oral presentation, Wetenschapsdag Chirurgie VUmc, November 2014, Tessa Le Large

2015

1. Poster presentation, Science Exchange Day VUmc, September 2015, Tessa Le Large
2. Poster presentation, Science Exchange Day VUmc, September 2015, Laura Meijer
3. Oral presentation, Wetenschapsdag Chirurgie, November 2015, Tessa Le Large
4. Oral presentation, Wetenschapsdag Chirurgie, September 2015, Laura Meijer

2016

1. Oral presentation, EORTC-PAMM Congress, Antwerp, Belgium, February 2016, Tessa Le Large
2. Invited speaker, EORTC-PAMM Congress, Antwerp, Belgium, February 2016, Elisa Giovannetti
3. Oral Presentation, EORTC-PAMM Congress, Antwerp, Belgium, February 2016, Laura Meijer
4. Oral Presentation, IHPBH congress, San Paolo, Brazil, April 2016, Laura Meijer
5. Poster Presentation, IHPBH congress, San Paolo, Brazil, April 2016, Tessa Le Large
6. Poster Presentation, IHPBH congress, San Paolo, Brazil, April 2016, Babs Zonderhuis
7. Oral Presentation, Chirurgendagen, Veldhoven, May 2016, Tessa Le Large
8. Oral Presentation, AISP congress, Rome, Italy, September 2016, Chiara Caparelo
9. Oral presentation, Wetenschapsdag Chirurgie VUmc, November 2016, Jisce Puik
10. Oral presentation, Wetenschapsdag Chirurgie VUmc, November 2016, Laura Meijer

2017

1. Poster presentation, AACR, Washington DC, US, April 2017, Tessa Le Large
2. Oral Presentation, E-AHPBA congress, Mainz, Germany, May 2017 Laura Meijer
3. Poster Presentation, E-AHPBA congress, Mainz, Germany, May 2017 Tessa Le Large
4. Oral Presentation, E-AHPBA congress, Mainz, Germany, May 2017 Babs Zonderhuis
5. Oral Presentation, EPC congress, Budapest, Hungary, June 2017, Laura Meijer
6. Poster Presentation, EPC congress, Budapest, Hungary, June 2017, Tessa Le Large
7. Invited lecture, ESMO Congress, Madrid, Spain, September 2017, Elisa Giovannetti
8. Invited lecture, MATD Congress, Paris, France, September 2017, Elisa Giovannetti
9. Oral Presentation, AISP congress, Milano, Italy, October 2017, Ingrid Garajova

Grants awarded / applications:

2016

1. Travel grant EORTC-PAMM meeting, Antwerp, awarded February 2016, Young Investigator Tessa Le Large
2. Travel grant EORTC-PAMM meeting, , Antwerp, awarded February 2016, Young Investigator Laura Meijer
3. Lisa Waller Hayes Foundation Grant, awarded April 2016, Tessa Le Large
4. Proof-of-Concept CCA grant, June 2016 "Bench-to-bedside studies on the role of exosomal uptake for the individualized selection of effective drugs against metastatic pancreatic cancer"
5. Best presentation Award among young investigators, AISP congress, Roma, September 2016, Chiara Caparelo

2017

1. KWF grant, "Development and validation of phosphoproteomics to support personalized treatments in pancreatic cancer"
2. KWF grant, "Evaluation of tumor-educated platelet profiles for screening and follow-up of pancreatic cancer"
3. CCA grant, April 2017 "The microbiome of pancreatic cancer: a correlation between bacteria and pancreatic cancer?"
4. Travel grant EPC meeting, Budapest, Hungary, June 2017, Tessa Le Large
5. Travel grant EPC meeting, Budapest, Hungary, June 2017, Laura Meijer
6. Travel grant E-AHPBA meeting Mainz 2017, Laura Meijer
7. NWO Visitor's Travel grant 2017 for Prof. Omidreza Firuzi (Shiraz University, Iran), "Targeting C-met and related signaling pathways in three-dimensional co-cultures of primary pancreatic cancer and stellate cells"
8. Best Honor Program student, Jisce Puik
9. Nijbakker-Morra Studentenprijs, Jisce Puik