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## The search for new treatment strategies for malignant pleural mesothelioma

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## **Curriculum Vitae**

Laurel Schunselaar was born on the 17<sup>th</sup> of August, 1987, in Enschede. After receiving her VWO diploma at the Bonhoeffer College van der Waalslaan in Enschede, she started her study Technical Medicine at the University of Twente in 2005. After obtaining her bachelor degree in 2008, she continued with her masters. During this master she followed four clinical research internships in which both research and clinical activities were the focus. She started at the Dutch Burn Centre in Beverwijk, after which she moved to Utrecht for the second and third internship at the department of trauma surgery and the department of orthopedics in the University Medical Center. During her internship at the Antoni van Leeuwenhoek in Amsterdam she became acquainted with screening chemotherapy on mesothelioma cells. For her master thesis project she stayed at the Antoni van Leeuwenhoek – Netherlands Cancer Institute and worked for one year on the development of short term primary tumor cultures of mesothelioma cells for screening and development of new therapeutic compounds. At the end of 2012 she obtained her master degree in Technical Medicine and started as a PhD student in the Antoni van Leeuwenhoek - Netherlands Cancer Institute. In the group of Prof. Dr Jacques Neeffjes and later Prof. Dr. Zwart, but always in close collaboration with the thoracic oncology group of Prof. Dr. Paul Baas, she worked on new treatment options for patients with mesothelioma. The results of this research are described in this thesis. Nowadays Laurel is working at the hematology department of the LUMC, where she is coordinating a clinical trial testing aclarubicin in AML patients.

## List of publications

**Schunselaar, LM.** Monkhorst, K. Wijdeven, R. Peters, D. Zwart, W. Neeffjes, J. Baas, P. *Throphoblast Glycoprotein is Associated with Favorable Outcome for Mesothelioma and a Target for Antibody Drug Conjugates.* J. Thorac Oncol. 2018 Oct. **13**(10): p.1577-1587

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**Schunselaar, LM.\*** Quispel-Janssen, JMMF.\* Kim, Y. Alifrangis, C. Zwart, W. Baas, P. Neeffjes, J. *Chemical profiling of primary mesothelioma cultures defines subtypes with different expression profiles and clinical responses.* Clin Cancer Res. 2018 Apr. **24**(7): p. 1761-1770.

Quispel-Janssen JM,\* Badhai J,\* **Schunselaar L,\*** Price S, Brammeld J, Iorio F, Kolluri K, Garnett M, Berns A, Baas P, McDermott U, Neeffjes J, Alifrangis C. *Comprehensive pharmacogenomic profiling of malignant pleural mesothelioma identifies a subgroup sensitive to FGFR inhibition.* Clin Cancer Res. 2018 Jan. **24**(1): p. 84-94.

**Schunselaar LM,** Zwart W, Baas P. *Targeting BAP1: a new paradigm for mesothelioma.* Lung Cancer. 2017 Jul. **109**: p. 145-146.

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