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## Zebrafish xenograft model: Identification of novel mechanisms driving prostate cancer metastasis

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## Publication list

**Chen L.**, de Menna M., Coppola S., Landman N., Sebastiaan Schieven, Arwin Groenewoud, George N. Thalmann, Schmidt T., Kruithof-de Julio, M & Snaar-Jagalska, B.E. (2020). Enhanced mechanosensing and mechanotransduction potential of prostate cancer stem-like cells promotes metastatic tumor initiation. Submitted.

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Zoni, E., van der Horst, G., van de Merbel, A. F., **Chen, L.**, Rane, J. K., Pelger, R. C., Collins, A.T., Visakorpi, T., Snaar-Jagalska, B.E., Maitland, N.J. & van der Pluijm, G. (2015). miR-25 modulates invasiveness and dissemination of human prostate cancer cells via regulation of αv-and α6-integrin expression. *Cancer research*, 75(11), 2326.

## **Curriculum vitae**

Lanpeng Chen was born on 26<sup>th</sup> of November 1989 in Kunming, Yunnan, China. In 2008, he started to study at Liaoning University in the faculty of biotechnology with a specialization of biotechnology. After obtaining his bachelor degree in 2012, he moved to the Netherlands for his master in *Molecular and Cellular Bioscience* at the Institute of Biology, Leiden University. During this period, he did his first research project entitled "*Protein functional analysis of VirD5*" under supervision of Dr. Xiaorong Zhang and Prof. Paul J.J. Hooykaas. Afterwards he joined the group headed by Prof. B. Ewa Snaar-Jagalska and performed his second master research project entitled "*Modelling prostate cancer metastasis using zebrafish xenograft model*". In this project, he utilized a novel zebrafish model to explore the role of microRNA-25 in prostate cancer metastasis. After getting a master's degree in 2014, he started his PhD research in the context of the project "Near-patients' prostate cancer model for personalized disease assessment and drug responses" funded by the Dutch Cancer Society (KWF) under supervision of Prof. B. Ewa Snaar-Jagalska and Dr. Marianna Kruithof-de Julio. In November 2019, he started his postdoctoral research in the laboratory of Prof. Marc Raaijmakers at the department of haematology, Erasmus MC Cancer Institute in Rotterdam, the Netherlands.