# Regulation of signal transduction pathways by hypoxia in breast cancer subtypes

Liu, Q.

## Curriculum Vitae

Qiuyu Liu was born on 6th August, 1993 in Heilongjiang, China. She studied in Pharmaceutical Engineering (biological direction) at Beijing University of Chinese Medicine from 2011 to 2015. After obtaining her Bachelor's degree, she continued with her Master's studies in Microbiology and Biochemical Pharmacy at Beijing University of Chinese Medicine from 2015 to 2017. She was funded by a China Scholarship Council in 2017 and conducted her PhD research under supervision of Prof. Dr. Erik Danen and Dr. Sylvia Le Dévédec at the Leiden Academic Centre for Drug Research (LACDR), Leiden University in Netherlands.

## List of publications

1. **Liu Q**, Palmgren VAC, Danen EH, Le Dévédec SE: **Acute vs. chronic vs. intermittent hypoxia in breast Cancer: a review on its application in in vitro research.** Molecular biology reports 2022.

2. **Liu Q**, van der Stel W, van der Noord VE, Leegwater H, Coban B, Elbertse K, Pruijs JTM, Béquignon OJM, van Westen G, Le Dévédec SE, Danen EHJ: **Hypoxia Triggers TAZ Phosphorylation in Basal A Triple Negative Breast Cancer Cells.** International journal of molecular sciences 2022, 23.

3. Dekker Y, Le Dévédec SE, Danen EHJ, **Liu Q**: **Crosstalk between Hypoxia and Extracellular Matrix in the Tumor Microenvironment in Breast Cancer.** Genes 2022, 13.

4. **Liu Q**, Liu N, van der Noord VE, van der Stel W, Danen EH, Le Dévédec SE: **Differential response of luminal and basal breast cancer cells to acute and chronic hypoxia.** Submitted.

5. Hoekstra M, **Liu Q**, Zhang Y, van der Wel EJ, Le Dévédec SE, van Eck M: **Hypocholesterolemic phospholipid transfer protein knockout mice exhibit a normal glucocorticoid response to food deprivation.** American journal of translational research 2022, 14:1884–1891