



Method tags: software for (micro)fluidics system, microfluidics' hardware development, prototyping, electronics.

Scientific tags: Sequencing in tissues – Explore biological processes at the single base resolution with novel (micro-)fluidics.

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[Download a more detailed project description \(new window, doc, 577kB\)](#)

In this project you will participate in an interdisciplinary research team with the goal of developing state-of-the-art sequencing technologies inside biological tissues. The specific goal of the thesis project is to develop and implement microfluidics coupled to microscopy for optical read out of gene sequences and protein localization.