



CARTANA
..... decoding the brain

Master degree project at CARTANA

CARTANA is a start-up company that originated from Scilife lab in Stockholm in early 2018 and pioneers next generation in situ-sequencing (ISS) in tissue samples. CARTANA's technology is based on its proprietary ISS method, which is an unprecedented new type of nucleic acid analysis method directly inside tissue sections while preserving its morphology. It enables investigation of highly multiplex gene expression profiles with subcellular resolution, and may for example prove extremely valuable in the fields of neurology and oncology. CARTANA develops reagent kits and offers services for ISS.

We are looking for a motivated master student for a degree project aimed at developing and optimizing new molecular techniques for ISS. The successful candidate will need creativity and proven understanding of- and laboratory experience in molecular assays such as qPCR, NGS, and DNA hybridization, in addition to a strong interest in problem solving. An additional benefit is experience in fluorescent microscopy and related image analysis (e.g. CellProfiler, ImageJ). The candidate will join a professional team of international scientists, and will routinely present their work progress as well as be engaged in the product development aspect.

The project is targeted to start in September 2018. If you feel that this position is a good match for you, please contact Johan Banér johan@cartana.se