



Mini Profile Senni

Tell us about your career steps in science so far. What have you done so far to get here?

I have always been interested in biology, but for some reason I ended up studying chemical engineering at Aalto University. During my studies I got an opportunity to work as a research assistant in the Biomolecular materials research group and I wrote my bachelor's thesis about recombinant silk proteins. These experiences increased my enthusiasm towards the field of biotechnology, but I decided to explore the world of life sciences instead and started my master's studies in Biosystems and Biomaterials engineering program. The greatest experience of my master studies was to complete my thesis as a part of the VTT iBEX, an annual early-stage innovation project focusing on microbial production of food components to tackle the global food challenge. Soon after my graduation I joined Solar Foods' talented team as a research specialist to continue work with microbial food production and I could not be happier about the position to start my career!

What do you hope to learn and achieve during project HYDROCOW?

I assume that the HYDROCOW project will be a great learning journey for me as the project team is full of experts from different fields and backgrounds! During the project I am excited to get more familiar with the metabolism and secretion machinery of our hydrogen-utilizing microbe, and to strengthen my knowledge in genetic engineering.

The EIC funds transformative technologies, what excites you about a career in Applied Sciences?

My moving force and source of motivation are for instance the chance to tackle global challenges, a more sustainable world, never ending learning opportunities, inspiring work community, and novel applications and technologies. These are also the themes that excite me about a career in Applied Sciences!

What do you like to do outside Science.

Outside science I unleash my creativity with crafts and keep my brain happy by solving crosswords. Additionally, I gain my energy from being outdoors, good food, and great company!