

Project collaboration for the sciences

WHAT ARE WE LOOKING FOR:

At Lyras, we are looking for students that would like to be a part of a project where they can make a real impact on the world. You will be able to help a young company investigate real-world problems and spread the message of our technology, thereby helping us to convince our customers that the climate-friendly way is the way forward.

You and your group must be curious, inquisitory and experts in thinking out of the box. You shall also be able to analyze data and create strong well-documented reports to support your findings.

WHO IS LYRAS:

Lyras is a Danish company located in Aalborg and founded in 2017. We are developing revolutionary new ways to pasteurize liquid foods with the use of UV-light rather than heat.

Our systems can replace the more than 150-year old method of heat pasteurization, thereby reducing the energy consumption in the process by more than 95%. Its higher bacteria kill rate will also prolong product shelf life and thereby help reduce food waste. Additionally, more vitamins and proteins are retained in the product. This also enables us to help reduce the sector's collected carbon footprint.

SUBJECTS:

We could imagine that you would investigate one of the following:

- Chemical and molecular properties of milk treated by UV Cold Pasteurization compared to milk treated by traditional heat pasteurization.
- Nutritional values and potential health benefits in milk/juice/liquid foods after Cold pasteurization compared to heat pasteurization.
- Investigating new markets for interesting opportunities

HOW WE IMAGINE THE PROCESS:

We provide you with our data, knowledge, access to our experts and technology. In collaboration with us, you will find the field of study that can give the greatest output and thereby create your overall scope. You will then create your test setup, plans and methods, after that, test your thesis and collect data. Maybe discovering new ideas of use and implementation? In the end, your data and reports will be used to prove the reliability of a new innovative technology on liquid food products.

Is there a better way, a better idea? Let us hear it!

WHAT WE CAN PROVIDE YOU WITH:

- We will give you the opportunity to experience our new groundbreaking technology up close
- To do the project the way you see fit
- Exclusive access to our machinery, for you to test and investigate
- Access to socialize with- and learn from team and experts

Apply through our website www.lyras.dk