

Invitation to the World Talent Campus in Biotechnology Manufacturing

The World Talent Campus is an advanced one week course at PhD level in Denmark, where you will learn and be challenged with cutting edge knowledge within biotechnology manufacturing

GET TOGETHER AND LECTURES: Meet with your peers from universities all over the world, present and discuss your own research, and attend lectures given by experts on measurement, modeling, monitoring, simulation and big data/artificial intelligence in bio-based processes.

48 HOUR INDUSTRIAL CHALLENGE: Work for two days in a group with some of your peers, in close collaboration with tutors from industry and academia, and present a solution to a challenge that has been formulated on the basis of a relevant industrial problem.

SOCIAL EVENTS: The week will start with a social event, and there will be different activities in between the presentations and workshops during the week, where you experience the Danish countryside, manor houses dating back to the 13th century.

ARRANGEMENTS: BIOPRO world talent campus starts September 16th at 2:00 PM and ends September 23th, 2023. We will book the flight tickets and arrange all practical issues and events during the campus. Participants from overseas can arrive on September 15th.



Experience a free campus week

in Denmark with top
talents from Europe

The campus will be held in the greater
Copenhagen area in Denmark.

The campus will be from
**Saturday September 16th to
Saturday September 23th, 2023**

Be on the frontier of biotech manufacturing

Learn and be challenged
together with the
best within your field



All expenses paid by the sponsors, including flight tickets, food and accommodation – just bring your good ideas



To make an application please go to www.kt.dtu.dk/english/research/prosys

The application must include:

- 1 page - application letter including educational background and personal motivation
- 1 page - description of PhD project or Master thesis
- 1 page - faculty support letter
- Documentation of grades
- CV

Submit the online application latest on April 1st

25 PhD or Master students working in the field of biotechnology manufacturing and related areas, from selected European universities, will be invited.

The **BIOPRO** world talent campus is held in a cooperation between the Technical University of Denmark (DTU), University of Copenhagen and 5 leading companies within biotech manufacturing. The BIOPRO world talent campus is supported by the Novo Nordisk Foundation and BIOPRO.

Technical University of Denmark - Department of Chemical and Biochemical Engineering. The PROSYS Research Center is internationally recognized for its research activities aiming at evaluating and implementing the next generation of more sustainable processes in the chemical, bio-based and pharmaceutical industries.

University of Copenhagen - Department of Food Science FOOD at University of Copenhagen is a world leading research unit in the development of multivariate spectroscopic measurement methods for on-line monitoring and optimization of bio-processes within the food, pharma and biotech industries.

Novo Nordisk - A global healthcare company with 90 years of innovation and leadership in diabetes care. Headquartered in Denmark, Novo Nordisk employs approximately 50,000 employees in 75 countries, and markets its products in more than 190 countries. The factories in Kalundborg represent the largest production area in Novo Nordisk.

Novozymes - A world leader in bioinnovation. With more than 700 products in 130 countries, Novozymes' bioinnovations improve the results of the industry while at the same time securing the world's resources. Novozymes has production facilities several places in the world and the plant in Kalundborg handles the largest and most advanced enzyme production in the world.

CP Kelco - From the world's largest pectin production plant, located in Lille Skensved, CP Kelco supplies a major share of the pectin and carrageenan used in global food production. Pectin is extracted from citrus peel, while carrageenan is made on the basis of seaweed. The end products are used to provide food, pharmaceuticals etc. the desired texture.

Chr. Hansen - A global leader in development of natural ingredient solutions for the food, pharmaceutical, nutritional and agricultural industries. Chr. Hansen has manufacturing plants on 5 continents including a facility in Roskilde and in Copenhagen.

Xellia Pharmaceuticals - A leading global developer, manufacturer and trusted supplier of Active Pharmaceutical Ingredients (APIs) and Finished Dosage Forms (FDFs). Our portfolio of antimicrobials comprises products of major importance in the treatment of bacterial (gram-positive, gram-negative) and fungal infections.