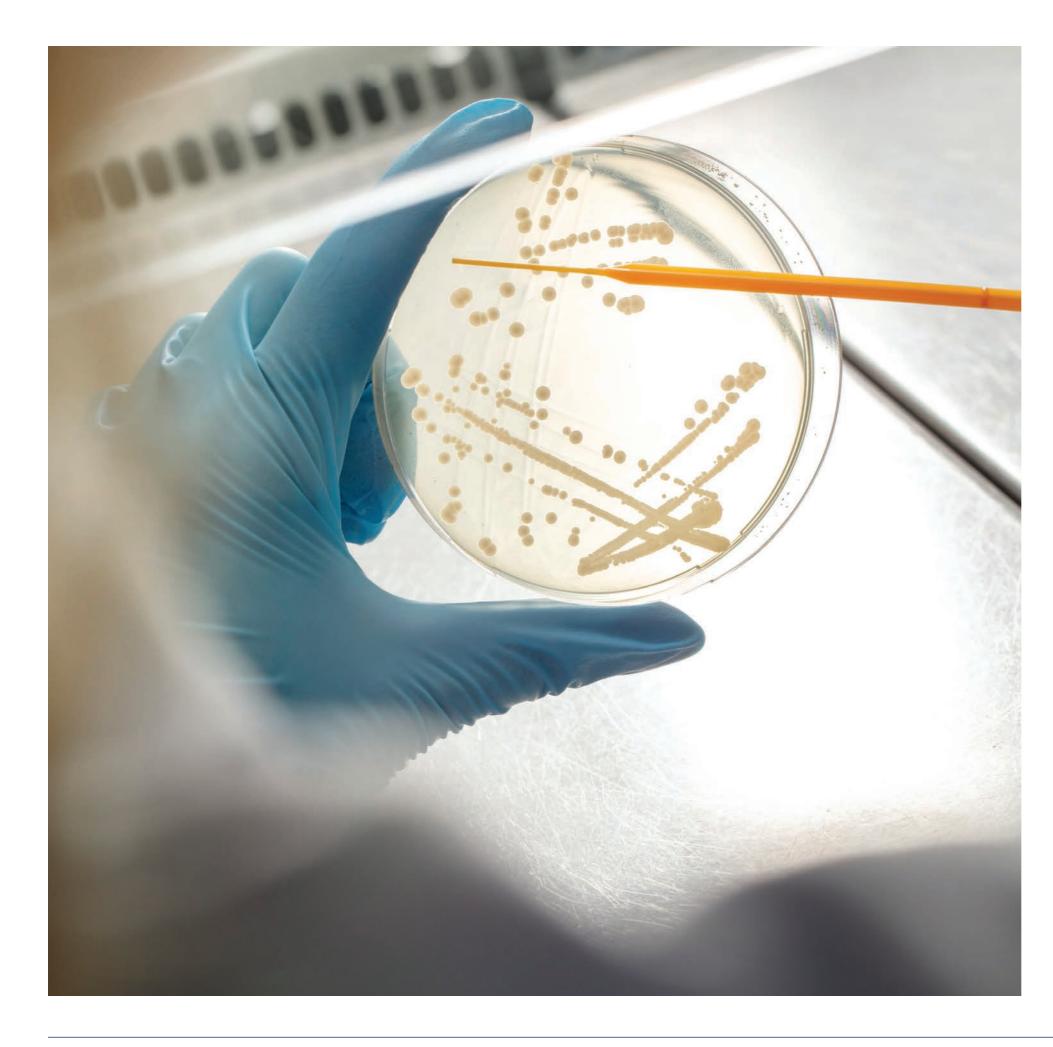


Biotech Lifelong Learning

2023 Courses





2023 Program Booklet

At the forefront of research and education, DTU Biotech Lifelong Learning offers a series of new continuing education courses that focus on cutting-edge research and technology, and are tailored specifically to meet the needs of the biotech sector. Our courses are developed as a collaboration between the Department of Bioengineering, the Department of Chemical Engineering, and the Novo Nordisk Foundation Center for Biosustainability.

Contact Information:

Biotech Lifelong Learning

The Technical University of Denmark Søltofts Plads Building 221, Rum 008 2800 Kgs. Lyngby

Program Manager: Jennifer Hemphill (on leave until June 2023) jenhem@dtu.dk

Seungmi Nam (Maternity Cover until June 2023) seunam@dtu.dk

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https://lifelonglearning.dtu.dk/en/biotech

New continuing education opportunities for professionals in the Biotech Industry





Contents

Biotech Lifelong Learning

- **7** 2023 Courses
- 8 Evaluating Sustainability for Bio-based Products
- **11** Process Analytical Technology for Biomanufacturing
- **12** cGMP for Biomanufacturing Operations
- **15** Introduction to Biomanufacturing 1
- **16** Introduction to Biomanufacturing 2
- **19** Cell Culture Engineering: A Single-Use Perspective
- **21** Customizable Courses and Training
- **22** PhD Courses for Industry Participants
- 25 Practical Information
- 27 Contact Us



Biotech Lifelong Learning 2023 COURSE SCHEDULE

DATE	COURSE	PRICE*
20-22 February 2023	Evaluating Sustainability for Bio-based Products	20.000 DKK
27-31 March 2023	Upstream Process Development	10.000 DKK
17-21 April 2023	Automation and Control of Yeast Fermentation	10.000 DKK
8-10 May 2023	Introduction to Python for Data Analysis and Automation in Biology	10.000 DKK
15-16 May 2023	Introduction to Chemical Modification of Protein Therapeutics	10.000 DKK
6-8 June 2023	Process Analytical Technology for Biomanufacturing	20.000 DKK
14-16 August 2023	cGMP for Biomanufacturing Operations	22.000 DKK
21-23 August 2023	Introduction to Python for Data Analysis and Automation in Biology	10.000 DKK
21-22 August 2023	Introduction to Biomanufacturing 1	13.500 DKK
23-24 August 2023	Introduction to Biomanufacturing 2	13.500 DKK
4-6 September 2023	Cell Culture Engineering: A Single-Use Perspective	TBC
4-8 December 2023	Industrial Mycology	10.000 DKK

* Participants employed at educational institutes, public organizations or start-up companies receive a 25% discount on course fees.

Evaluating Sustainability for Bio-based Products

Practical Information

Dates	20-22 February 2022	Venue	DTU Lyngby Campus
Language	English	Price	20.000 DKK

Course Overview

Learning Outcomes

This three-day course provides you with the fundamental concepts, methodologies, hands-on problems, and perspectives delivered by a diverse range of university teachers and guest lecturers.

We are committed to spreading the knowledge on developing sustainable technologies to help industrial and academic professionals measure bio-based technologies' sustainability performance.

During the course, you would be acquiring skills on:

- The fundamentals of product, supply chain, and life cycles in biotechnology.
- Quantitatively assess and eventually combine environmental and economic sustainability in biotechnology – based on life cycle assessment (LCA), and techno-economic assessment (TEA) approaches.
- Translate sustainability assessment results into informed decisions relevant for biotechnology R&D. The course covers all aspects, from a basic introduction to the concept of sustainability to the comprehensive evaluation of the environmental performance of specific bio-based products and technology life cycles.
- How to utilize existing LCA's and TEA's into a more strategic tool to steer innovation towards sustainability in a commercial and planetary context.

By the end of the course, you will have a basic understanding of the methods used in quantifying sustainability. You would be:

- Be familiar with the prevailing definitions of sustainability, the history of the sustainability concept, and the development of the United Nations' Sustainable Development Goals (SDGs).
- Understand the importance of taking a systemic perspective on biotechnology and considering the whole life cycle when evaluating sustainability.
- Identify the major drivers of economic and environmental impacts when assessing the sustainability of a product or its functionalities.
- Develop critical thinking to analyze sustainability assessments and Environmental Product Declarations (EPDs).
- Develop awareness about the tools used to quantify bio-based products' economic and environmental performance.
- Understand trade-offs between economic and environmental Impacts.
- Understand the concept of planetary boundaries and absolute sustainability

Who should attend?

The course is tuned to a wide range of audiences from industry and academia in the life science sector to understand, critique, communicate and make informed decisions to quantitatively assess and improve bio-based products and technologies' economic and environmental sustainability performance.

This course is especially beneficial for professionals with background, skills, or experience in the following areas:

- Natural scientists from different field of expertise.
- Engineering, agro-science, and production disciplines from design, planning, R&D, and operations
- Postdocs and senior scientists who want to update themselves in a sustainability assessment
- Non-scientific professionals from administration, finance, sales, or other non-technical disciplines, seeking a thorough understanding of sustainability and assessment tools.

Pre-requisites

Participants do not need to have specific knowledge in the field of biotechnology other than a basic high-school-level understanding of natural sciences. The course material comprises practice exercises, and we expect participants to be able to use MS Excel.

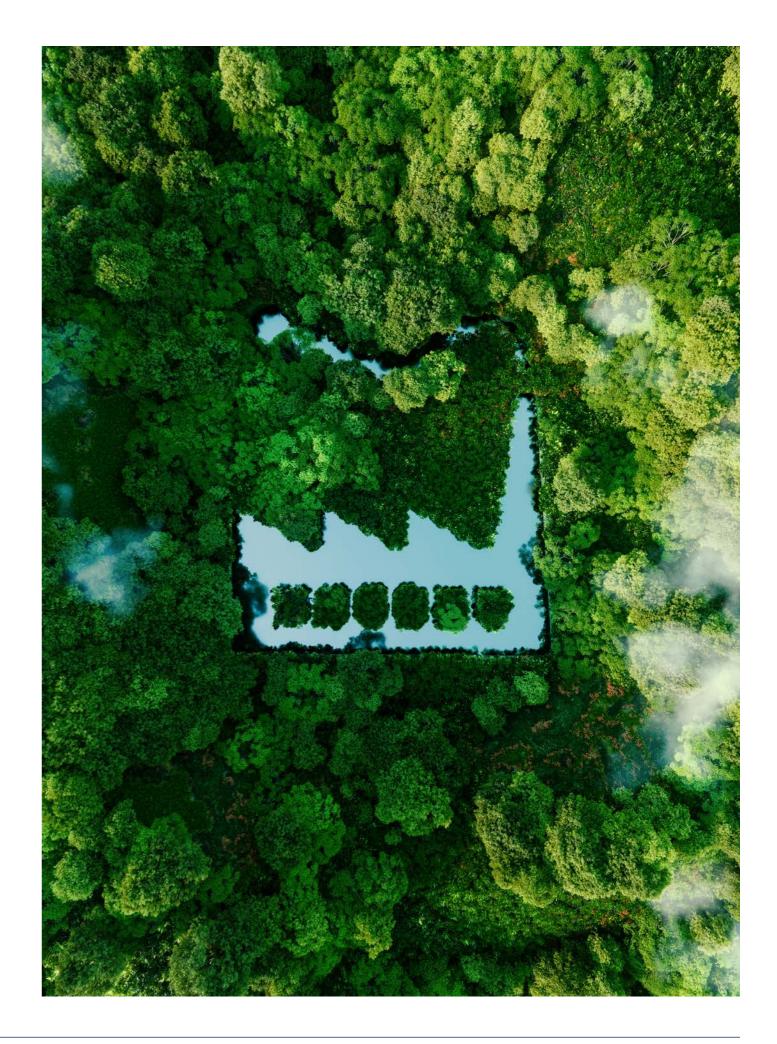
Course Lead

Sumesh Sukumara

Senior Researcher and Group Leader Sustainable Innovation Office susu@biosustain.dtu.dk

FBM Initiative - funded by the Novo Nordisk Foundation

This course was developed in the framework of the Fermentation Based Biomanufacturing Initiative, in collaboration between DTU Bioengineering, DTU Biosustain, and DTU Chemical Engineering. The project is funded by the Novo Nordisk Foundation.





Process Analytical Technology for Biomanufacturing

Practical Information

Dates	6-8 June 2023	Venu
Language	English	Price

Course Overview

This compact three-day course surveys visionary aspects of modern and future GMP (Good Manufacturing Practice) methods. It includes QbD (Quality by Design) and PAT (Process Analytical Technology), as these technologies are gaining more and more ground in the pharmaceutical industry. However, the main focus is on models, data, and novel measurement techniques for collecting data.

Data form the basis for model identification and validation, and novel sensors allow to significantly expand the number of variables that can be measured on-line or at-line on a bio manufacturing process. Different modelling frameworks, varying in terms of complexity, can be applied to such data.

During this course, you will be introduced to:

- Model supported process prediction, including computational fluid dynamics (CFD) methods for design space descriptions
- The concept of digital twins for the potential use in batch or continuous production processes.
- Virtual processes and laboratories for process understanding and operator training
- Basic concepts of Artificial Intelligence (AI) and machine learning algorithms to transform data to actionable information.

The course is intended familiar with classical want to learn about m trends in QC methods.

Learning Outcome

At the end of this cou should be able to:

- Describe novel dig and their potentia environment
- Identify opportur data collection or process, including measurement tec
- Interpret the result simulations for vi gradients and flow
 - Describe basic cor sensors, digital tw operations and pro the benefits of su tools

Who should attend?

The course is intended for participants familiar with classical GMP procedures who want to learn about modern and future trends in QC methods. The course material is perfect for new employees, support personnel from Quality Control and Quality Assurance, and vendors and suppliers providing equipment and services to the industry. The course addresses all levels of education, including technicians, BSc and MSc.

FBM Initiative - funded by the Novo Nordisk Foundation This course was developed in the framework of the Fermentation Based Biomanufacturing Initiative, in collaboration between DTU Bioengineering, DTU Biosustain, and DTU Chemical Engineering. The project is funded by the Novo Nordisk Foundation.

DTU Biotech Lifelong Learning 2023 // page 10



enue	DTU Lyngby Campus	
ice	20.000 DKK	
d for participants GMP procedures who nodern and future	Employees in biomanufacturing currently working with GMP who want to get more familiar with current trends in the field Scientists, engineers and technicians	
25	who are working with monitoring and control of bio-based manufacturing	
rse, participants •	processes Vendors of auxiliary equipment for the bio-manufacturing industry	
eital methods • al use in a GMP	Employees handling data management aspects of biomanufacturing operations	
• • • • • • • • • • • • • • • • • • •	Participants with a background in bio-based production and are holding a BSc or MSc or PhD degree.	
	re-requisites	
w patterns Pa ncepts of software kn wins for unit of rocesses and identify op uch model supported bri	Participants are assumed to have basic knowledge about the general principles of biomanufacturing and downstream operations. Participants are expected to bring a laptop to work with case study examples.	

Course Leads

Krist V. Gernaey

Professor DTU Chemical and Biochemical Engineering kvg@kt.dtu.dk

Ulrich Krühne

Associate Professor DTU Chemical and Biochemical Engineering ulkr@kt.dtu.dk

cGMP for Biomanufacturing **Operations**

Practical Information

Dates	14-16 August 2023	Venue	DTU Lyngby Campus
Language	English	Price	22.000 DKK

Course Overview

This course provides an overview of the upstream operations and downstream operations that comprise a typical biopharmaceutical process. Specifically, the • Describe what cGMP expectations course focuses on fundamental concepts, process parameters, and operational considerations for the following processing steps common to most processes: fermentation, centrifugation, chromatography, ultrafiltration, and bulk filling. It also covers basic current Good Manufacturing Practice (cGMP) requirements related to biopharmaceutical manufacturing and incorporates those concepts in the lab activities. Approximately half of the content is delivered through lecture and discussions, and the other half through hands-on laboratory experiences. The participants will engage in pilot-scale laboratory experiences that examine process utilities, media and solution preparation, bioreactor operation, centrifugation, chromatography, and tangential flow filtration in a simulated commercial cGMP (current Good Manufacturing Practice) facility. The course will take place in the pilot plant facilities at the Department of Chemical and Biochemical Engineering on DTU's Lyngby campus.

Learning Outcomes

At the end of this course, participants will be able to:

- have to be fulfilled in
- biomanufactoring installations • Reflect on how to achieve clean process utilities
- Produce sterile media and solutions used for up- and downstream purposes
- Prepare, operate, and clean technical installations like continuously stirred reactors and separation equipment like centrifuges, chromatography systems and cross flow filtration units
- Describe the fundamental background ٠ for unit operations in biologics production processes
- Reflect on the monitoring and control of process parameters for meeting production expectations

Who should attend?

The course is broadly applicable to anyone who is interested in learning about large-scale biomanufacturing operations and gaining hands-on experience in a simulated cGMP environment. Thiscourse is perfect for new employees, support

The AIM-Bio Project - funded by the Novo Nordisk Foundation

This course was developed in the framework of the AIM-Bio project (Accelerated Innovation in Manufacturing Biologics), in collaboration between DTU Bioengineering, DTU Chemical Engineering, and the Biomanufacturing Training and Education Center (BTEC) at North Carolina State University. The AIM-Bio project is funded by the Novo Nordisk Foundation.

personnel from Quality Control and Quality Assurance, and vendors and suppliers who provide equipment and services to the industry.

Pre-requisites

This course is for individuals with background, skills, and/or experience in the following areas:

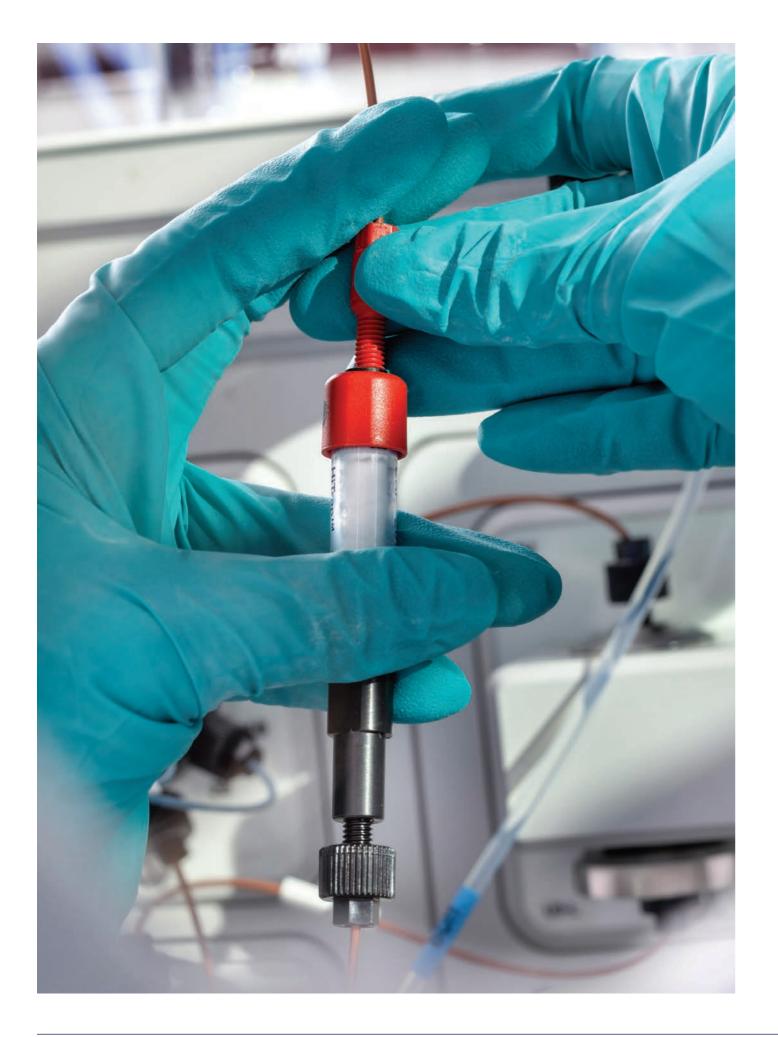
- New employees in biomanufacturing, including scientists, engineers and operators
- Support personnel who are directly or indirectly involved with the manufacturing process
- Suppliers and vendors of technical equipment used in biomanufactoring
- Workers who are entering to the biomanufactoring industry.

Course Leads

John M. Woodley

Professor DTU Chemical and Biochemical Engineering jw@kt.dtu.dk





Introduction to Biomanufacturing 1

Practical Information

Dates	21-22 August 2023	Venu
Language	English	Price

Course Overview

Introduction to Biomanufacturing I covers basic and state-of-the-art biomanufacturing methodologies, delivered by a diverse range of university teachers and industry guest lectures. Our course will take you on a compact deep-dive into today's technologies, approaches and stories, which shape Life Science and biomanufacturing in Denmark and abroad.

Whether you are a career starter or changer, come from a non-related field of science, education or professional background, this course will introduction you to the fundamental and application knowledge of biotechnologies.

We start our course by introducing the basics of life science and reviewing the relevant terminology related to biomanufacturing. A tour of our pilot plant facilities will expose you to real reactors and process units and allow you to see and experience how manufacturing equipment works together.

Through our course, you will become familiar with the power of automation and the new age of DNA Foundries and data science. You will explore how software modeling and new science in Machine Learning, Artificial Intelligence and Big Data change the shape of our understanding of life and how to work with these technologies. We invite a selection of industrial lectures to cover biomanufacturing topics from different angles.

At DTU, we are passionate about technology and people. Have you have ever wondered to develop a process, what methods you could use to influence the economic outcome, or what it takes to bring a technology from laboratory to production scale? We are happy to teach you how we are doing it.

Learning Outcomes

By the end of the course, you will have a basic understanding of industrial biotechnology and its application areas, the fundamentals of biomanufacturing, its terminology, methodologies, and strategies and be able to:

- 1. Describe the basic concepts of Biomanufacturing
- 2. Understand the common tools and process
- 3. Discuss examples of industrial bioproduction
- 4. Discuss challenges in scale up and scale down of bioprocesses
- of industry 4.0 / digitalization in biomanufacturing
- 6. Recognize common problems and suggest solutions

Who should attend?

Our Introduction to Biomanufacturing course 1 is especially beneficial for individuals who need to become more knowledgeable about the field of biological manufacturing and production,

FBM Initiative - funded by the Novo Nordisk Foundation

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DTU Lyngby Campus

13.500 DKK

instruments used in the fermentation

5. Reflect on the use and potential

technology and process development and are curious about automation and data science in biotechnology. This course targets professionals with background, skills, and/or experience in the following areas:

- Natural scientists from a different field of expertise
- Engineering and production disciplines from design, planning, RD and operations
- Postdocs and senior scientists who want to update themselves in a different science field
- Non-scientific professionals from administration, finance, sales or other non-technical disciplines, who are seeking to gain a thorough understanding of biotechnology and applied tools and methods.

Pre-requisites

Participants do not need to have specific knowledge in the field of biotechnology other than a basic high-school level understanding of natural sciences.

Course Lead

Andreas Worberg,

Chief Commercial Officer The Novo Nordisk Foundation Center for Biosustainability (DTU Biosustain) andwor@biosustain.dtu.dk

Introduction to Biomanufacturing 2

Practical Information

Dates	23-24 August 2023	Venue	DTU Lyngby Campus
Language	English	Price	13.500 DKK

Course Overview

Introduction to Biomanufacturing II follows 1. Understand the tools and our introductory-level Biomanufacturing 1 course, and provides a deep dive into key topics related to Biomanufacturing.

This course is divided into four half-day sessions, delivered by a range of diverse university teachers. Once you have completed Introduction to Biomanufacturing II, you will be familiar with advanced topics in synthetic biology, fermentation and biomanufacturing, process and technology development and the assessment of sustainability and economics.

Whether you are an Introduction to Biomanufacturing I alumnus or an established professional who comes from a related field of science, education or industrial background, this course will introduce you to the advanced aspects of biotechnologies.

At DTU, we are passionate about technology and people. Through this course, we expose you to the challenges and understanding of sustainability and consider questions, like if biomanufacturing is a sustainable option.

Learning Outcomes

By the end of the course, you will have a advanced understanding of industrial and

- methodologies in today's synthetic biology
- 2. Reflect on the use and potential of industry 4.0 / digitalization in biomanufacturing
- 3. Describe advanced concepts of Biomanufacturing and Fermentation
- 4. Discuss challenges in scale up and scale down of bioprocesses
- 5. Reflect on strategies for process optimization in 'upstream' and 'downstream'
- 6. Understand methodologies and techniques for Sustainability and Techno-Economic Assessment and its **Pre-requisites** influence on process development
- 7. Reflect on strategies for process optimization
- 8. Recognize common problems and suggest solutions

Who should attend?

Our Introduction to Biomanufacturing 2 course is targeting more experienced professionals who like to improve their knowledge in the field of applied synthetic biology, biological manufacturing and production, technology and process development as well as assessment of sustainable and economic performance.

This course targets individuals with background, skills, and/or experience in the

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Natural scientists from a different

biomanufacturing practices and be able to: following areas:

 Engineering and production disciplines from design, planning, RD and operations

field of expertise

- Postdocs and senior scientists who want to update themselves in a different science field
- Non-scientific professionals from administration, finance, sales or other non-technical disciplines, who are seeking to gain a thorough understanding of biotechnology and applied tools and methods.

Participants need to have an advanced knowledge in the field of biotechnology or must have completed Introduction to Biomanufacturing 1.

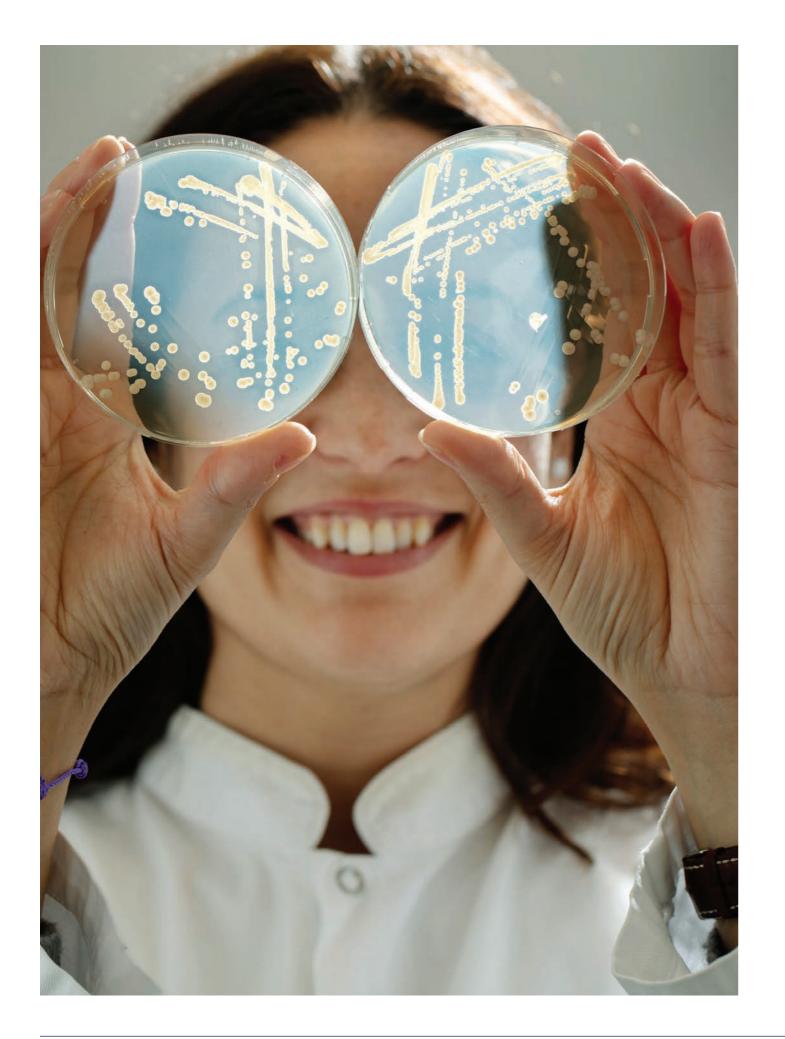
Course Lead

Andreas Worberg

Chief Commercial Officer The Novo Nordisk Foundation Center for Biosustainability (DTU Biosustain) andwor@biosustain.dtu.dk







Cell Culture Engineering: A Single-Use Perspective

Practical Information

Dates	4-6 September 2023	Venue	DTU Lyngby Campus
Language	English	Price	ТВС

Course Overview

Want to gain a fundamental understanding of growth of mammalian cells in bioreactors, and production of recombinant proteins? This course where you will also learn about cell culture media, cell banking, scale-up and down, and single-use bioreactor versus stainless steel bioreactor design in cell culture development. Get hands-on experience with mammalian bioreactors, from 15 mL to 50L, and a variety of single-use biomanufacturing options e.g. rocker bags, stirred tank and perfusion.

In addition to extensive hands-on experience with the process, this course will also address many of the common concerns when implementing single-use processes – i.e., sterile connections, environmental concerns/carbon footprint, business economics, and validation.

Learning Outcomes

At the end of this course, participants should be able to:

- Design of animal cell culture bioreactors, including suspension and immobilized cell bioreactors, conventional stainless steel stirred tanks, and disposable (single-use) bioreactors
- Identify advantages and disadvantages of single-use technologies relative to multi-use equipment
- Understand the pros and cons for bioreactor types (rocker, stirred tank, microcarrier) and strategies (batch, fed-batch, perfusion) Setup and operation of single-use
- options for upstream manufacturing (rocker, stirred tank and perfusion)
 - animal cell culture processes, including bioreactor PAT
 - Basic cost calculations to compare single-use options to more traditional multi-use set ups, to provide justification for single-use technologies.

The AIM-Bio Project - funded by the Novo Nordisk Foundation This course was developed in the framework of the AIM-Bio project (Accelerated Innovation in Manufacturing Biologics), in collaboration between DTU Bioengineering, DTU Chemical Engineering, and the Biomanufacturing Training and Education Center (BTEC) at North Carolina State University. The AIM-Bio project is funded by the Novo Nordisk Foundation.

Advanced automation and control of

Who should attend?

This course is intended for participants who are:

- Professionals within the biopharmaceutical industry who want to gain hands-on experience with mammalian bioprocessing equipment
- Professionals who want to gain an understanding of upstream mammalian bioprocessing
- Professionals working indirectly with mammalian bioprocessing who want to better understand it

Pre-requisites

None. This is an introductory course with a focus on hands-on training.

Course Lead

Lasse Ebdrup Pedersen

Senior Scientist DTU Bioengineering laeb@dtu.dk



Customized Courses & Training

We develop customized continued education courses and training sessions in related biotech subjects for and with industry partners. Our tailored courses and training encompass the basic disciplines of biomanufacturing and state-of-the-art research methods. Get in touch with our Program Manager if you would like to have an informal talk about the possibilities of developing customized courses or training sessions.

Jennifer Hemphill

Program Manager DTU Bioengineering jenhem@dtu.dk On maternity leave until June 2023

Seungmi Nam

Program Manager DTU Bioengineering seunam@dtu.dk Maternity cover until June 2023

PhD Courses for Industry Participants

We reserve a limited number of seats for industry participants on the following PhD courses. For more information on course registration and the cost of PhD courses, please contact Program Manager **Seungmi Nam** at seunam@dtu.dk.

Upstream Process Development 27-31 March 2023

This PhD course aims to provide participants with an understanding of the theory and skills needed to make decisions related to upstream process development and an awareness of how those decisions affect the process. Participants will be introduced to both the theory of Design of Experiments (DoE) and its use as a tool to accomplish activities ranging from process development to production.

Course Lead: José Luis Martinez Ruiz Associate Professor DTU Bioengineering jlmr@dtu.dk

Automation and Control of Yeast Fermentation 17-21 April 2023

τ*ι-*ετ Αμί ΙΙ 2023

This PhD course aims to provide participants with an understanding of the theory and skills needed to make decisions related to on-line sensor selection in view of establishing closed-loop control on a model fermentation process (yeast).

Participants will be introduced to the theory of process control, and will learn how to use model simulations to study the effect of applying control to a bioreactor. On-line sensor concepts will be introduced, and the participants will learn how to work with on-line data, first in terms of detecting outliers and replacing missing values, and then for classification. Course Lead: Krist V. Gernaey Professor DTU Chemical and Biochemical Engineering kvg@kt.dtu.dk

Introduction to Chemical Modification of Protein Therapeutics 15-16 May 2023

This PhD course aims to cover an introduction to the chemical modification of therapeutic proteins. This is an advanced technique of great importance to the future production of therapeutic proteins. Therefore, the modification of these proteins will be placed in the context of the current biopharmaceutical industry.

Course Lead: John M. Woodley Professor DTU Chemical and Biochemical Engineering jw@kt.dtu.dk

Introduction to Python for Data Analysis and Automation in Biology

8-10 May 2023 21-23 August 2023

This PhD course aims to get absolute programming novices in biotechnology off the ground with adopting Python (instead of Excel) in their daily work. In contrast to many existing Python courses that target computer scientists and software engineers, this course is specifically tailored towards Biotechnology. The course content focuses primarily on Python as a tool for data analysis and automation, deemphasizing parts that are relevant to software development only. Furthermore, participants learn about data analytics and relevant machine learning methods, including best practice approaches, troubleshooting and avoiding common pitfalls.

Course Lead: Kai Blin Senior Researcher / Scientific Software Engineer DTU Biosustain kblin@biosustain.dtu.dk

Industrial Mycology

4-8 December 2023

This PhD course provides a broad understanding of important filamentous fungi in agriculture, food production, indoor environments, pharma and biotech, both as contaminants and as production organisms. The course instructors will deliver a comprehensive insight in mycological methods for isolation, identification, screening and characterization of fungi and knowledge on how fungi grow and interact within a given system.

Participants will get hands-on experience in the identification of the most common fungal species and their production of enzymes, small acids and mycotoxins. Through group work and case studies, participants will become familiar with the retrieval and interpretation of experimental data from mycological experiments and the literature. Course Leads: Jakob Blæsbjerg Hoof Associate Professor DTU Bioengineering jblni@dtu.dk

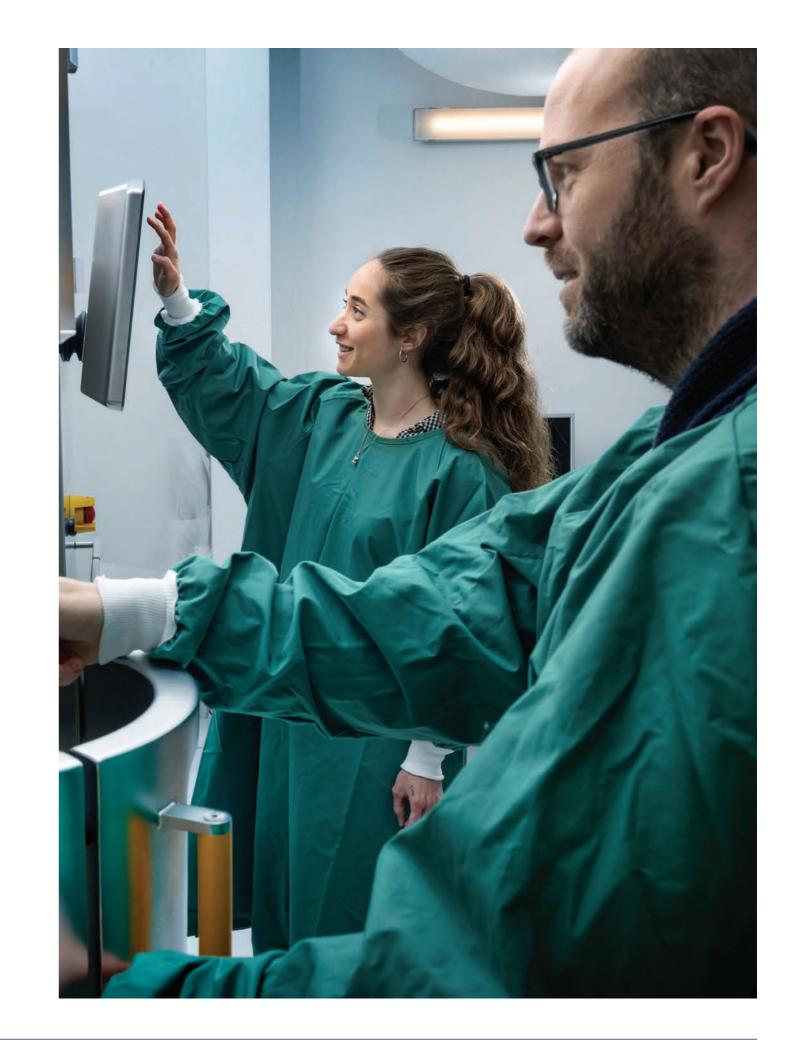
Jens Christian Frisvad Professor DTU Bioengineering jcf@bio.dtu.dk

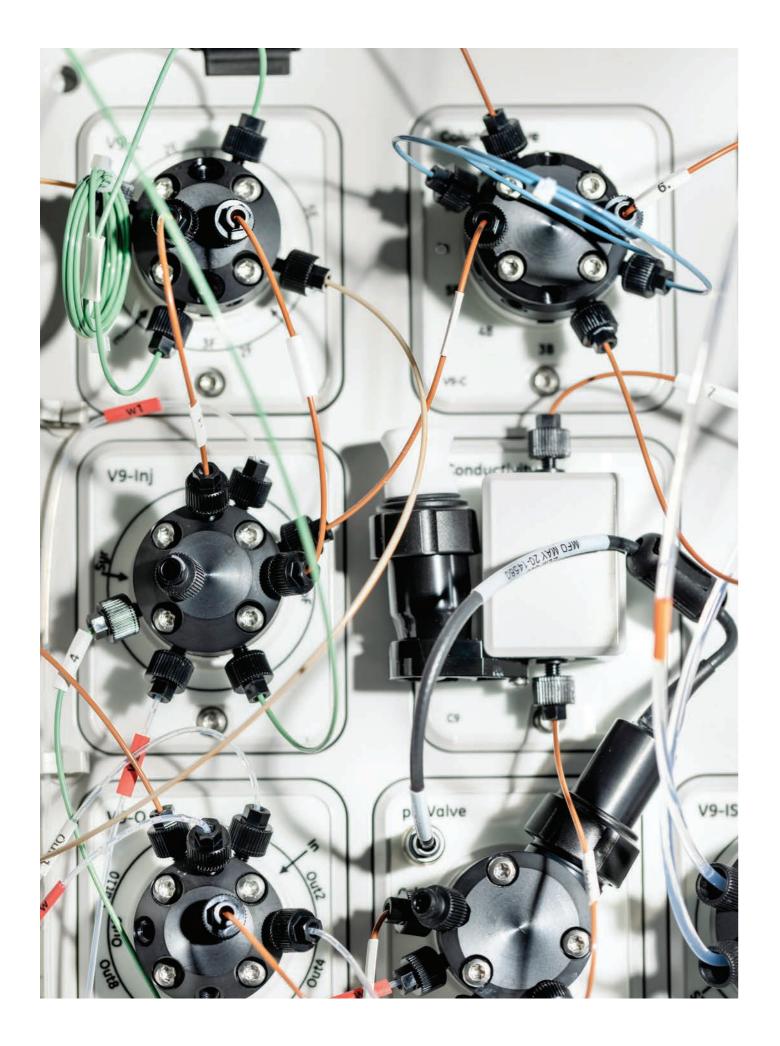
The AIM-Bio Project funded by the Novo Nordisk Foundation

Upstream Process Development, Automation and Control of Yeast Fermentation and Introduction to Chemical Modification of Therapeutic Proteins courses were developed in the framework of the AIM-Bio project (Accelerated Innovation in Manufacturing Biologics), in collaboration between DTU Bioengineering, DTU Chemical Engineering, and the Biomanufacturing Training and Education Center (BTEC) at North Carolina State University. The AIM-Bio project is funded by the Novo Nordisk Foundation.

FBM Initiative - funded by the Novo Nordisk Foundation

Introduction to Python for Data Analysis and Automation in Biology course was developed in the framework of the Fermentation Based Biomanufacturing Initiative, in collaboration between DTU Bioengineering, DTU Biosustain, and DTU Chemical Engineering. The project is funded by the Novo Nordisk Foundation.





Practical Information

If you are planning to participate on one of our courses, you will spend the time on the Technical University Denmark's Lyngby Campus. On this page, you will find some useful tips to ensure a comfortable time in Denmark.

DTU Lyngby Campus

DTU's main campus is located 20 minutes north of Copenhagen By bus or train city centre, in the town of Lyngby. The campus is divided into 100 Several busses cross or pass the campus area and Lyngby Station buildings, which are scattered across the 106-hectare great plain. is just 2 km away with even more bus connections.

Accommodation

The Greater Copenhagen area is a popular tourist destination and there are many hotels and Airbnb locations throughout the city, including in Lyngby. We recommend the following hotels:

In Lyngby:

- **Zleep Hotel Lyngby** is about 1,4 km from the DTU Lyngby campus and is the closest hotel to our course venues. Car parking is free for hotel guests.
- Scandic Eremitage, Kongens Lyngby is located in the heart of Lyngby and is 2.4 km from the DTU Lyngby campus. It is located in the heart of Lyngby centre and is a 5-minute walk from the Lyngby Station. A bus stop right outside of the hotel takes you straight to campus (around 8 minute ride) that is located right outside of the hotel.
- Hotel Postgaarden, Lyngby is located in the heart of Lyngby, right around the corner from Lyngby Station. This hotel is around 2,7 km from DTU's Lyngby campus and you can easily catch multiple direct buses to campus from Lyngby Station.

In Copenhagen:

- Hotel Kong Arthur is in the lively Nørrebro neighbourhood of Copenhagen, and is around 13 km from DTU's Lyngby campus. You can catch a direct bus or train/bus combination to DTU's Lyngby campus (around 40 minutes total).
- Absalon Hotel is located near the Copenhagen Central train station and is around 14,7 km to DTU's Lyngby campus. You can catch a direct train from Copenhagen Central station to Lyngby station and then a direct bus from the station to campus (around 40 minutes total).
- Woodah Boutique Hostel is located near the Copenhagen Central train station, and is around 14,7 km to DTU's Lyngby campus. You can catch a direct train from Copenhagen Central station to Lyngby station, and then a direct bus from the station to campus (around 40 minutes total).

Transport

Access the **Journey Planner** to see how to get to DTU with public transportation from the airport and the main stations of Copenhagen.

By car

Please use **Google Maps** to navigate your way to DTU's Lyngby Campus. Practical information on the course venue's address and suggestions for parking will be sent to participants via e-mail prior to the course.

By taxi

From the airport, a taxi to campus will cost you around DKK 600 (EUR 80) and from the downtown Copenhagen area, a taxi will cost you around DKK 350 (EUR 47). Please note that these costs are subject to vary.

To order a taxi in advance, please call one of the following numbers:

- Amager-Øbro Taxa, tel. (+45) 3251 5151
- DanTaxi, tel. (+45) 4848 4848
- Taxa, 4×35 tel. (+45) 3535 3535

Restaurants in Lyngby

The following are a selection of restaurants in Lyngby centre:

- Sticks'n'Sushi
- Wok Shop
- Meyers Spisehus
- Madklubben Lyngby

Group Logistics

If your company is sending multiple participants to our course, please contact the Biotech Lifelong Learning Project Manager at seunam@dtu.dk for help arranging all travel and accommodation logistics.

Useful Links **Copenhagen Airport Copenhagen Central train Station Visit Copenhagen City Guide**



Contact Us

Biotech Lifelong Learning The Technical University of Denmark Søltofts Plads Building 221, Rum 008 2800 Kgs. Lyngby

Jennifer Hemphill

Program Manager DTU Bioengineering jenhem@dtu.dk On maternity leave until June 2023

Seungmi Nam

Program Manager DTU Bioengineering seunam@dtu.dk Maternity cover until June 2023

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Biotech Lifelong Learning

2023 Courses