AALBORG UNIVERSITET

HORIZON EUROPE 2025/2026 CALLS

CLUSTER 1 – HEALTH

AAU Fundraising & Project Management Office

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INTRODUCTION

AAU HORIZON EUROPE COMPENDIUM

Interested in finding academic partners for the upcoming Horizon Europe calls? At AAU, we have collected, mapped, and showcased AAU researchers' interest in collaborating on specific topics within the six clusters of Pillar 2 (including EU Missions & Cross-cutting activities). Each compendium displays our showcased researcher's relevant expertise within each identified topic, which makes it easy to locate AAU researchers who are interested in collaborating and providing their expertise in your next Horizon Europe proposal.

ABOUT AAU

AAU has campuses in Aalborg, Copenhagen, and Esbjerg, as well as an EU office in Brussels. We have 3.700 staff, 18.000 students and an annual turnover of DKK 3 billion.

AAU is a comprehensive university covering four faculties and 18 departments, such as Sustainability and Planning, Energy, Health Science and Technology, Computer Science, Built Environment, Politics and Society, Culture and Learning.

With problem-based learning at the heart of educational programs, AAU researchers and students are well-equipped to take on current and future societal, environmental and economic challenges.

OUR PROFILE AND DNA – WHY SHOULD YOU PARTNER WITH US?

Collaboration is heavily embedded in the DNA of AAU. We have a strong and natural collaboration with industry and the surrounding society – thus our current strategy is labeled "Knowledge for the World 2.0".

We are a mission-oriented university, with three identified AAU Missions:

1. A Sustainable Danish Energy System
2. Improved Wellbeing Among Children and Youth in Denmark
3. Improving Health Through Coherence and Individualisation

As the second best ranked engineering university in Europe, and being no. 16 globally (ranking from the U.S. News & World Report), as well as being in top 5 of universities pursuing the UN sustainable development goals (THE University Impact Rating), we are a very capable partner and collaborator.

AAU has contributed as coordinator or partner in close to 200 projects in the EU Horizon 2020 Framework Programme. For Horizon Europe we have – so far – contributed to more than 150 projects. We are setting even more ambitious targets for Horizon Europe in 2025 and going forward.

DESTINATION 1

STAYING HEALTHY IN A RAPIDLY CHANGING SOCIETY

DESTINATION 1: CALLS

CALL – STAYING HEALTHY IN A RAPIDLY CHANGING SOCIETY

HORIZON-HLTH-2025-03-STAYHLTH-01-two-stage: Improving the quality of life of persons with intellectual disabilities and their families (RIA)

HORIZON-HLTH-2025-03-STAYHLTH-01-TWO-STAGE: IMPROVING THE QUALITY OF LIFE OF PERSONS WITH INTELLECTUAL DISABILITIES AND THEIR FAMILIES (RIA)

Sine Agergaard

Department of Health Science and Technology
The Faculty of Medicine

CONTACT INFORMATION

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HIGHLIGHTED AAU RESEARCH GROUPS

Head of the Active Health Research Group, Department of Health Science and Technology, Aalborg University
Head of the Social Technology Lab
Co-Manager of Mission Improved Well-being among Children and Youth, Aalborg University Denmark

MEMBERSHIP OF EU PARTNERSHIPS

Partner in EU-project on Social Prescribing

AREA OF EXPERTISE

Inequity in health; promoting access to healthy living of vulnerable and deprived groups.
Active living and healthy communities, cross-sectorial and public-civil collaboration.
Qualitative research methods and participatory research designs

Expertise in inequity in health and research on development, implementation and evaluation of complex social interventions.
Ongoing project on cross-sectoral collaboration on rehabilitation for people with non-communicable diseases.

Sabata Gervasio

Head of the PhD Program in Biomedical Engineering and Neuroscience, Associate Professor
Department of Health Science and Technology

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HIGHLIGHTED AAU RESEARCH GROUPS
Member of the Neural Engineering and Neurophysiology research group
Head of the Laboratory for Sensory-Motor Control and Plasticity
Head of the PhD program in Biomedical Engineering and Neuroscience

RELEVANT LINKS OUTSIDE ACADEMIA
Associate Editor for IEEE Transactions on Neural Systems & Rehabilitation Engineering
Member of the Education and Training Committee (ETC) for the Neuroscience Academy Denmark (NAD)
Senior Research Expert, Inventor's Way ApS

AREA OF EXPERTISE
My research focus is to understand how sensory feedback is processed in normal or pathological situations, and to identify and treat sensory-motor impairments and disorders. I have been working on several projects investigating, for instance, the role of crossed spinal reflexes in interlimb coordination, the use of nociceptive withdrawal reflex in stroke rehabilitation and the effect of neurofeedback on musculoskeletal pain. Recently, I have been working on methods to improve diagnosis and interventions for children with sensory motor impairments, including Sensory Processing Disorders, Autism Spectrum Disorder (ASD), Attention Deficit Hyperactivity Disorder (ADHD) and Cerebral Palsy. I am currently working on the development of a protocol to identify and assess the mechanism behind sensory processing anomalies in children with ASD and ADHD.

A direct measure of sensory processing anomalies. In this project we investigate sensory processing anomalies in children with neurodevelopmental disorder, as autism and ADHD. We use measure as EEG and evoked potentials and psychophysics.

DESTINATION 2

LIVING AND WORKING IN A HEALTH-PROMOTING ENVIORNMENT

DESTINATION 2: CALLS

CALL – LIVING AND WORKING IN A HEALTH-PROMOTING ENVIORNMENT

DESTINATION 3

TACKLING DISEASES AND REDUCING DISEASE BURDEN

DESTINATION 3: CALLS

CALL – TACKLING DISEASES AND REDUCING DISEASE BURDEN

HORIZON-HLTH-2025-01-DISEASE-02: Advancing innovative interventions for mental, behavioural and neurodevelopmental disorders (RIA)

HORIZON-HLTH-2025-01-DISEASE-03: Development of antibodies and antibody-derived proteins for the prevention and treatment of infectious diseases with epidemic potential (RIA)

HORIZON-HLTH-2025-03-DISEASE-04-two-stage: Leveraging artificial intelligence for pandemic preparedness and response (RIA)

HORIZON-HLTH-2025-03-DISEASE-06-two-stage: Implementation research addressing strategies to strengthen health systems for equitable high-quality care and health outcomes in the context of non-communicable diseases (GACD) (RIA)

HORIZON-HLTH-2025-01-DISEASE-02: ADVANCING INNOVATIVE INTERVENTIONS FOR MENTAL, BEHAVIOURAL AND NEURODEVELOPMENTAL DISORDERS (RIA)

Peter Kristensen

Department of Chemistry and Bioscience
The Faculty of Engineering and Science

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https://vbn.aau.dk/en/persons/132637

HIGHLIGHTED AAU RESEARCH GROUPS
Professor and PI for Molecular Engineering research group (https://www.bio.aau.dk/forskning/sektioner/medicalbiotechnology/kristensen-lab-molecular-engineering)

MEMBERSHIP OF EU PARTNERSHIPS
In the past I have been coordinating an FP7 large integrated project focused on the proteomic characterization of healthy ageing (19 partners, 10.7 mill € EU contribution). I have been partner in the large integrated projects Markage and GEHA. Last I was contracted to work in the IMI supported public-private partnership RESOLUTE.

AREA OF EXPERTISE
Antibody development and engineering within a variety of disease areas, such as cancer, infections disease, inflammation and brain disease. We make antibody libraries and isolate binders against specific targets, our unique expertise especially related to complex selections.

Antibody development and engineering

Sabata Gervasio

Head of the PhD Program in Biomedical Engineering and Neuroscience
Department of Health Science and Technology

CONTACT INFORMATION
Sabata Gervasio
saba@hst.aau.dk
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A direct measure of sensory processing anomalies. In this project we investigate sensory processing anomalies in children with neurodevelopmental disorder, as autism and ADHD. We use measure as EEG and evoked potentials and psychophysics. Relevant expertise includes understanding of sensory processing anomalies in children, and EEG data acquisition and processing.

HORIZON-HLTH-2025-01-DISEASE-03: DEVELOPMENT OF ANTIBODIES AND ANTIBODY-DERIVED PROTEINS FOR THE PREVENTION AND TREATMENT OF INFECTIOUS DISEASES WITH EPIDEMIC POTENTIAL (RIA)

Peter Kristensen

Department of Chemistry and Bioscience
The Faculty of Engineering and Science

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+45 20369097
https://vbn.aau.dk/en/persons/132637

HIGHLIGHTED AAU RESEARCH GROUPS
Professor and PI for Molecular Engineering research group (https://www.bio.aau.dk/forskning/sektioner/medicalbiotechnology/kristensen-lab-molecular-engineering)

MEMBERSHIP OF EU PARTNERSHIPS
In the past I have been coordinating an FP7 large integrated project focused on the proteomic characterization of healthy ageing (19 partners, 10.7 mill € EU contribution). I have been partner in the large integrated projects Markage and GEHA. Last I was contracted to work in the IMI supported public-private partnership RESOLUTE.

AREA OF EXPERTISE
Antibody development and engineering within a variety of disease areas, such as cancer, infections disease, inflammation and brain disease. We make antibody libraries and isolate binders against specific targets, our unique expertise especially related to complex selections.

Antibody development and engineering

HORIZON-HLTH-2025-03-DISEASE-04-TWO-STAGE: LEVERAGING ARTIFICIAL INTELLIGENCE FOR PANDEMIC PREPAREDNESS AND RESPONSE (RIA)

Yan Kyaw Tun

Department of Electronic Systems
The Technical Faculty of IT and Design

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HIGHLIGHTED AAU RESEARCH GROUPS

Edge Computing and Networking (ECN) Group

RELEVANT LINKS OUTSIDE ACADEMIA

Member of IEEE

AREA OF EXPERTISE

Wireless Networking
Edge Intelligence
Machine Learning
Optimization Theory
Game Theory

RELEVANT PROJECTS

I work on artificial intelligence and machine learning technologies, including supervised and unsupervised learning and reinforcement learning, to provide an intelligent solution for wireless communications and networking needs.

HORIZON-HLTH-2025-03-DISEASE-06-TWO-STAGE: IMPLEMENTATION RESEARCH ADDRESSING STRATEGIES TO STRENGTHEN HEALTH SYSTEMS FOR EQUITABLE HIGH-QUALITY CARE AND HEALTH OUTCOMES IN THE CONTEXT OF NON-COMMUNICABLE DISEASES (GACD) (RIA)

Sine Agergaard

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The Faculty of Medicine

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Head of the Active Health Research Group, Department of Health Science and Technology, Aalborg University
Head of the Social Technology Lab
Co-Manager of Mission Improved Well-being among Children and Youth, Aalborg University Denmark

MEMBERSHIP OF EU PARTNERSHIPS

Partner in EU-project on Social Prescribing

AREA OF EXPERTISE

Inequity in health; promoting access to healthy living of vulnerable and deprived groups.
Active living and healthy communities, cross-sectorial and public-civil collaboration.
Qualitative research methods and participatory research designs

Expertise in inequity in health and research on development, implementation and evaluation of complex social interventions.
Ongoing project on cross-sectoral collaboration on rehabilitation for people with non-communicable diseases.

DESTINATION 4

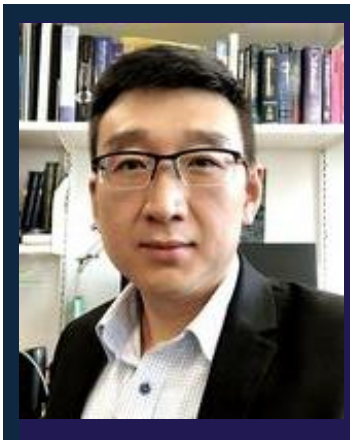
ENSURING EQUAL ACCESS TO INNOVATIVE, SUSTAINABLE AND HIGHQUALITY HEALTH CARE

DESTINATION 4: CALLS

CALL – ENSURING EQUAL ACCESS TO INNOVATIVE, SUSTAINABLE AND HIGHQUALITY HEALTH CARE

HORIZON-HLTH-2025-01-CARE-01: End user-driven application of Generative Artificial Intelligence models in healthcare (GenAI4EU) (RIA)

HORIZON-HLTH-2025-01-CARE-01: END USER-DRIVEN APPLICATION OF GENERATIVE ARTIFICIAL INTELLIGENCE MODELS IN HEALTHCARE (GENAI4EU) (RIA)



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HIGHLIGHTED AAU RESEARCH GROUPS
AI RF Sensors

AREA OF EXPERTISE
Experimental datasets (e.g. RIS, active phased arrays, power amplifiers, filters)
AI for communication systems (e.g. sensing and localization, AI for satellite communication, AI aided generative design of RF hardware)
Healthcare (e.g. wound infection detection, bone fracture monitoring, nano robot for cancer)
AI for satellite communications and remote sending

Niels van Berkel

Department of Computer Science
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HIGHLIGHTED AAU RESEARCH GROUPS

Research lead Human-Centred Computing (Department of Computer Science)

AREA OF EXPERTISE

Human-Centred AI
Trustworthy AI
Human-Computer Interaction
Decision support
Wellbeing

Expertise in the design of digital systems, particular focus on collaborative and intelligent decision support systems.

RELEVANT PROJECTS

Algorithmic Explainability for Everyday Citizens.
Carlsberg Foundation: Semper Ardens Accelerate

Daniele Dell’Aglio

Department of Computer Science
The Technical Faculty of IT and Design

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HIGHLIGHTED AAU RESEARCH GROUPS

Data, Knowledge and Web engineering at the Department of Computer Science

AREA OF EXPERTISE

I am interested in knowledge engineering and data privacy. I am currently exploring how knowledge graphs facilitate privacy-preserving federated analytics in health data.

RELEVANT PROJECTS

I am currently a work package leader in the Horizon Europe HEREDITARY project (https://hereditary-project.eu/, call HORIZON-HLTH-2023-TOOL-05), where I lead the activities towards a multimodal semantic integration platform.

DESTINATION 5

UNLOCKING THE FULL POTENTIAL OF NEW TOOLS, TECHNOLOGIES AND DIGITAL SOLUTIONS FOR A HEALTHY SOCIETY

DESTINATION 5: CALLS

CALL – UNLOCKING THE FULL POTENTIAL OF NEW TOOLS, TECHNOLOGIES AND DIGITAL SOLUTIONS FOR A HEALTHY SOCIETY

HORIZON-HLTH-2025-01-TOOL-02: Advancing cell secretome-based therapies (RIA)

HORIZON-HLTH-2025-01-TOOL-03: Leveraging multimodal data to advance Generative Artificial Intelligence applicability in biomedical research (GenAI4EU)(RIA)

HORIZON-HLTH-2025-01-TOOL-05: Boosting the translation of biotech research into innovative health therapies (RIA)

HORIZON-HLTH-2025-01-TOOL-02: ADVANCING CELL SECRETOME-BASED THERAPIES (RIA)

Pablo Pennisi

Department of Health Science and Technology
The Faculty of Medicine

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HIGHLIGHTED AAU RESEARCH GROUPS

Member of Regenerative Medicine research group

MEMBERSHIP OF EU PARTNERSHIPS

Coordinator of STRONG-UR: Strategies for Optimised bioprinting of Next Generation tissues for Urethral regeneration and translation (Horizon Europe)
Partner in PROMEAT: A truly scalable next-generation cultured meat with bioprotectives and health benefits (Eurostars)
National projects:
Partner in MODERATE: Modular hydrogel for 3D printing of tissue-engineered muscle (Danish Research Council)

RELEVANT LINKS OUTSIDE ACADEMIA

Board member of the Scandinavian Society for Biomaterials
Member of the Danish Stem Cell Society (DASCS)
Member of the IEEE-EMBS

AREA OF EXPERTISE

Stem cells and tissue engineering
Myogenesis and muscle tissue regeneration
Adipose-derived stem cells (ASCs)
3D culture systems
Biomechanics and biophysical preconditioning
Advanced 3D manufacturing
Translational applications in regenerative medicine

Experience with adipose-derived stem cells (ASCs), a key cell source for regenerative medicine and potential secretome-based therapies.
Understanding of microenvironmental signals affecting stem cell behavior, which is crucial for optimizing parent cell pre-conditioning and bioprocessing.
Experience with 3D bioprinting and biomaterials, relevant for secretome delivery strategies (e.g., controlled release systems, hydrogel encapsulation).
Experience working with industrial partners, providing insights into scaling up manufacturing and regulatory considerations.

Fereshteh Dardmeh

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HIGHLIGHTED AAU RESEARCH GROUPS

Member of Regenerative Medicine research group

RELEVANT LINKS OUTSIDE ACADEMIA

Research & Development in Probiotics, collaborating with biotech and pharmaceutical sectors.
Industrial contacts in different sectors both in Denmark ,Europe and USA
Member of Global Andrology Forum
Member of Iranian Society of Embryology and Reproductive Biology (ISRB)
Member of Danish Fertility Society (Dansk Fertilitetsselskab)
Member of European Society of Human Reproduction and Embryology
Member of the Scandinavian Association for the Study of Pain

AREA OF EXPERTISE

Probiotics and Gut Microbiome Research
Cardiometabolic Health and Disease Prevention
Neurodegenerative Disorders and Pain Management
Reproductive Biology and Fertility
Animal Models in Biomedical Research
Wound Healing and Regenerative Medicine
Translational Medicine and Biotechnology

Expertise in stem cell-based therapies, specifically working with adipose-derived stem cells (ASCs) for tissue regeneration and wound healing.
In-depth knowledge of regenerative medicine, with a focus on integrating probiotics, and biophysical preconditioning to enhance healing processes and optimize cell function.
Research on the role of probiotics in modulating immune responses and supporting tissue regeneration, which complements cell secretome-based therapies for enhanced therapeutic outcomes.
Collaboration with industry partners in the development of innovative biotechnologies, including probiotics and stem cell-based products for clinical applications, addressing challenges in manufacturing and regulatory compliance.

Simone Riis Porsborg

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The Faculty of Medicine

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HIGHLIGHTED AAU RESEARCH GROUPS

Member of Regenerative Medicine research group

MEMBERSHIP OF EU PARTNERSHIPS

STRONG-UR: Strategies for Optimised bioprinting of Next Generation tissues for Urethral regeneration and translation

RELEVANT LINKS OUTSIDE ACADEMIA

Member of the Danish Stem Cell Society (DASCS)
Member of Danish Society for Wound Healing

AREA OF EXPERTISE

Adipose-derived stem cells (ASCs)
Stem cell characterization
Multichrometric flowcytometry or FACS
In vitro wound healing models
Potency assays for ATMPs
Translational applications in regenerative medicine

Experience with isolation and culturing of adipose-derived stem cells (ASCs), a key cell source for regenerative medicine and potential secretome-based therapies.
Experience with the establishment of a manufacturing protocol, including starting material selection, pre-conditioning, and bio-processing including isolation, expansion, cultivation in bioreactors, processing of conditioned media, and isolation, purification of the secretome and its components
Experience with identifying relevant quality criteria for and establishment of a fully GMP-conform production process
Experience with producing Standard Operating Procedures (SOP)
Experience with GMP manufacturing and regulatory considerations from an academic perspective
Experience with product characterization and potency testing
Experience with monitoring mechanism of action in-vitro as part of quality assurance

HORIZON-HLTH-2025-01-TOOL-03: LEVERAGING MULTIMODAL DATA TO ADVANCE GENERATIVE ARTIFICIAL INTELLIGENCE APPLICABILITY IN BIOMEDICAL RESEARCH (GENAI4EU)(RIA)

Tianyi Li

Department of Computer Science
The Technical Faculty of IT and Design

CONTACT INFORMATION

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HIGHLIGHTED AAU RESEARCH GROUPS

Member of Data Engineering, Science and Systems (DESS) group

MEMBERSHIP OF EU PARTNERSHIPS

Associate Editor
IEEE Network
IEEE Transactions on Intelligent Vehicles

AREA OF EXPERTISE

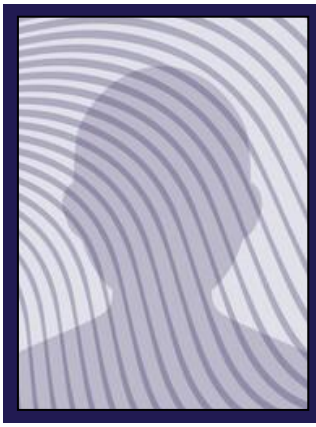
Data management and analytics
Intelligent transportation
Artificial intelligence and machine learning
Digital twin
Internet of Things
Edge and distributed computing
Autonomous vehicles

Multimodal data integration
Federated learning
Knowledge graph
Digital twin

RELEVANT PROJECTS

Project co-investigator, HORIZON, MobiSpaces: New Data Spaces for Green Mobility

Project co-investigator, DIREC, Multimodal Data Processing of Earth Observation Data



Yan Kyaw Tun

Department of Electronic Systems
The Technical Faculty of IT and Design

CONTACT INFORMATION

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+45 91947101
https://vbn.aau.dk/da/persons/ykt

HIGHLIGHTED AAU RESEARCH GROUPS

Edge Computing and Networking (ECN) Group

RELEVANT LINKS OUTSIDE ACADEMIA

Member of IEEE

AREA OF EXPERTISE

Wireless Networking
Edge Intelligence
Machine Learning
Optimization Theory
Game Theory

RELEVANT PROJECTS

One of my research studies focuses on utilizing multimodal learning for next-generation wireless networking. Furthermore, we are also currently working on the integration of multimodal medical data for the individual treatment plan for each cancer patient.

HORIZON-HLTH-2025-01-TOOL-05: BOOSTING THE TRANSLATION OF BIOTECH RESEARCH INTO INNOVATIVE HEALTH THERAPIES (RIA)

Peter Kristensen

Department of Chemistry and Bioscience
The Faculty of Engineering and Science

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https://vbn.aau.dk/en/persons/132637

HIGHLIGHTED AAU RESEARCH GROUPS
Professor and PI for Molecular Engineering research group (https://www.bio.aau.dk/forskning/sektioner/medicalbiotechnology/kristensen-lab-molecular-engineering)

MEMBERSHIP OF EU PARTNERSHIPS
In the past I have been coordinating an FP7 large integrated project focused on the proteomic characterization of healthy ageing (19 partners, 10.7 mill € EU contribution). I have been partner in the large integrated projects Markage and GEHA. Last I was contracted to work in the IMI supported public-private partnership RESOLUTE.

AREA OF EXPERTISE
Antibody development and engineering within a variety of disease areas, such as cancer, infections disease, inflammation and brain disease. We make antibody libraries and isolate binders against specific targets, our unique expertise especially related to complex selections.

Antibody development and engineering

Fereshteh Dardmeh

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HIGHLIGHTED AAU RESEARCH GROUPS

Member of Regenerative Medicine research group

RELEVANT LINKS OUTSIDE ACADEMIA

Research & Development in Probiotics, collaborating with biotech and pharmaceutical sectors.
Industrial contacts in different sectors both in Denmark, Europe and USA
Member of Global Andrology Forum
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Member of Danish Fertility Society (Dansk Fertilitetsselskab)
Member of European Society of Human Reproduction and Embryology
Member of the Scandinavian Association for the Study of Pain

AREA OF EXPERTISE

Probiotics and Gut Microbiome Research
Cardiometabolic Health and Disease Prevention
Neurodegenerative Disorders and Pain Management
Reproductive Biology and Fertility
Animal Models in Biomedical Research
Wound Healing and Regenerative Medicine
Translational Medicine and Biotechnology

Expertise in bridging fundamental research with clinical applications, focusing on probiotics, microbiome-based interventions for health innovation.
Investigating probiotics' role in immune modulation, metabolic health, and regenerative medicine, contributing to the development of novel biotech-based therapies.
Research on probiotics, and biophysical preconditioning to optimize therapeutic outcomes for tissue repair and chronic disease management.
Experience in developing probiotic products, addressing manufacturing challenges, and ensuring regulatory alignment for clinical translation.

DESTINATION 6

MAINTAINING AN INNOVATIVE, SUSTAINABLE AND GLOBALLY COMPETITIVE HEALTH INDUSTRY

DESTINATION 6: CALLS

CALL – MAINTAINING AN INNOVATIVE, SUSTAINABLE AND GLOBALLY COMPETITIVE HEALTH INDUSTRY

HORIZON-HLTH-2025-01-IND-01: Optimising the manufacturing of Advanced Therapy Medicinal Products (ATMPs) (IA)

HORIZON-HLTH-2025-01-IND-01: OPTIMISING THE MANUFACTURING OF ADVANCED THERAPY MEDICINAL PRODUCTS (ATMPS) (IA)

Fereshteh Dardmeh

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The Faculty of Medicine

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HIGHLIGHTED AAU RESEARCH GROUPS
Member of Regenerative Medicine research group

RELEVANT LINKS OUTSIDE ACADEMIA
Research & Development in Probiotics, collaborating with biotech and pharmaceutical sectors.
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AREA OF EXPERTISE
Probiotics and Gut Microbiome Research
Cardiometabolic Health and Disease Prevention
Neurodegenerative Disorders and Pain Management
Reproductive Biology and Fertility
Animal Models in Biomedical Research
Wound Healing and Regenerative Medicine
Translational Medicine and Biotechnology

Research on probiotics as adjuncts in regenerative medicine, investigating their role in immune modulation and tissue repair.
Investigation of probiotics and gut microbiome interactions with immune and metabolic pathways to develop microbiome-based ATMPs.
Research on microbiota-driven approaches to enhance wound healing and chronic disease management.
Study of gut-brain and gut-heart axis mechanisms, relevant for advanced biotherapeutic strategies.
Experience in developing probiotic for clinical applications, addressing manufacturing and regulatory compliance challenges.
Collaboration with biotech and pharmaceutical industries to translate research findings into therapeutic innovations.
Contribution to quality control and optimization strategies for ATMP production and standardization.

Simone Riis Porsborg

Department of Health Science and Technology
The Faculty of Medicine

CONTACT INFORMATION

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HIGHLIGHTED AAU RESEARCH GROUPS

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MEMBERSHIP OF EU PARTNERSHIPS

STRONG-UR: Strategies for Optimised bioprinting of Next Generation tissues for Urethral regeneration and translation

RELEVANT LINKS OUTSIDE ACADEMIA

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AREA OF EXPERTISE

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Stem cell characterization
Multichrometric flowcytometry or FACS
In vitro wound healing models
Potency assays for ATMPs
Translational applications in regenerative medicine

Experience with adipose-derived stem cells (ASCs), a key cell source for cell-based ATMPs
Experience with GMP manufacturing and regulatory considerations from an academic perspective
Experience with product characterization and potency testing
Experience with transferring ATMP from research to production
Experience with optimising and standardisation of the manufacturing of Advanced Therapy Medicinal Products (ATMPs) including testing the effect of process changes on product quality and standardisation