

TITLE AND INSTRUMENT

INFORMATION ABOUT THE APPLICATION

Title of the application:	Statistical Analyses of Cardiovascular Disease Preventive Interventions in Denmark
We apply for an Industrial PhD project within the following focus area::	Life science, health and welfare technology (private sector)
Due to the following reasons, our project lies with in the scope of the chosen focus area::	<p>Each year, around 55,000 people in Denmark are diagnosed with cardiovascular disease (CVD), and it is the second most common cause of death. To help prevent CVD, improve the overall health for the population and decrease societal inequalities for cardiovascular health, our aim is to gain new and valuable knowledge about the effectiveness of CVD preventive interventions in Denmark. Within the fields of diet and physical activity we study unique purpose databases and link them with the national registries. We will develop and apply new statistical methods and machine learning that support analyses targeted at:</p> <ul style="list-style-type: none"><li>- Improved efficiency in the public sector: Analysis of structural cost-effective CVD preventive interventions.</li><li>- Reducing societal inequalities with respect to CVD by comparing preventive interventions.</li><li>- Improved prevention services: Supporting general practitioners/nurses giving effective CVD preventive advice to improve patient care and decrease future hospitalisations.</li></ul>

INDUSTRIAL PHD PROJECT

INFORMATION ABOUT THE PROJECT

Project abstract in Danish (max. 500 keystrokes):	Hjerte-kar sygdom er den anden mest hyppige dødsårsag i Danmark, og ifølge WHO kan op mod 80% af hjerte-kar sygdomme forebygges. For at opnå bedre livskvalitet, generel sundhed samt nedbringe social ulighed inden for hjertesundhed ønsker vi at opnå ny og vigtig viden omkring effektiviteten af hjerte-kar forebyggende interventioner i Danmark. Fokus vil være på kost og fysisk aktivitet, hvor data omkring faktiske indkøbsvaner samt tracking af gå-aktiviteter danner grundlag for analyserne.
Start date:	01-08-2021
End date:	31-07-2024
Is this a resubmitted application?:	No
Is the application with or without an Industrial PhD candidate?:	With an Industrial PhD candidate

PRIMARY SCIENTIFIC FIELD

Primary scientific field:	Medical and Health sciences
---------------------------	-----------------------------

PRIMARY SCIENTIFIC FIELD

ID:	30000
Primary scientific field code:	Sundhedsvidenskab
Primary scientific field code English:	Medical and Health sciences

PRIMARY TARGET SECTOR

Sectors/industry group:	Q - Human health and social work
-------------------------	----------------------------------

UNIVERSITY

INFORMATION ABOUT THE UNIVERSITY THAT WILL ENROL THE INDUSTRIAL PHD CANDIDATE	
University:	University of Copenhagen
Centre / Institute:	Department of Public Health
Address line 1:	Øster Farimagsgade 5
Postal code:	1014
City:	København K
PhD programme where the Industrial PhD candidate will enrol:	Biostatistics and Bioinformatics

PROJECT BUDGET

THE COMPANY'S PROJECT BUDGET	
Gross salary expenses for the Industrial PhD candidate for the entire project period:	1.454.302,00 kr.
Expenses for the Industrial PhD student's travels and participation in PhD courses:	100.000,00 kr.
- Equipment / facilities:	10.000,00 kr.
- Assistant staff:	36.000,00 kr.
- Materials/Data collection:	15.000,00 kr.
- Company supervisor:	47.592,00 kr.
- Co-supervisor(s):	31.752,00 kr.
- Administration / office expenses:	20.000,00 kr.
- Other:	19.500,00 kr.
The company's total assumed project expenses:	1.734.146,00 kr.
Is the company itself able and willing to finance all of the above expenses that are not covered by the applied subsidy?:	<input checked="" type="checkbox"/> [X]

## COMPANY

## INFORMATION ABOUT THE COMPANY WHICH WILL EMPLOY THE INDUSTRIAL PHD CANDIDATE

The company's name: Hjerteforeningen  
 Address line 1: Vognmagergade 7, 3.  
 City: 1120, København K  
 Homepage, if any: <https://hjerteforeningen.dk/>  
 E-mail, if any: post@hjerteforeningen.dk  
 Number of employees, counted in full time positions: 130

## THE COMPANY'S CVR NUMBER

The company's CVR number: 10394228  
 The company's P number:: 1002894219

## FINANCIAL KEY NUMBERS FOR PAST THREE YEARS

Revenue 2020: 182.202.000,00 kr.  
 Revenue 2019: 184.534.000,00 kr.  
 Revenue 2018: 173.970.000,00 kr.  
 Result 2020: 12.684.000,00 kr.  
 Result 2019: 35.426.000,00 kr.  
 Result 2018: -34.025.000,00 kr.  
 Assets 2020: 319.976.000,00 kr.  
 Assets 2019: 298.794.000,00 kr.  
 Assets 2018: 271.248.000,00 kr.  
 Equity 2020: 205.695.000,00 kr.  
 Equity 2019: 193.011.000,00 kr.  
 Equity 2018: 157.585.000,00 kr.

## COMPANY STATUS AS PART OF THE PRIVATE SECTOR

We hereby confirm by a check mark [X]  
 that the above mentioned company is  
 part of the private sector and that  
 public funding make up no more than  
 half its revenue, including EU subsidy  
 and payments from citizens as imposed  
 by law.:

## DECLARATION ON FINANCIAL INDEPENDENCE

We hereby confirm by a check mark [X]  
 that the company is economically  
 independent of the university, i.e.  
 there is no cash flow from the  
 university to the company and the  
 university does own max. 25% of the  
 company.:

## DECLARATION ON STATUS AS UNDERTAKING NOT IN DIFFICULTY

We hereby confirm by a check mark [X]  
 that the above mentioned company is  
 not an 'undertaking in difficulty' by the  
 definition of undertakings in difficulty in  
 article 2, no. 18 of the Commission's  
 regulation (EU) no. 651/2014 of 17  
 June 2014.:

## THIRD PARTIES

## INFORMATION ABOUT ANY THIRD PARTIES

1st third party: Bente Klarlund Pedersen, Center for Aktiv Sundhed

## SUPERVISORS

## INFORMATION ABOUT THE COMPANY SUPERVISOR AND ANY CO-SUPERVISORS

First name: Gunnar  
Last name: Gislason  
Position: Forskningschef  
Telephone: +45 29 43 67 53  
Email: ggislason@hjerteforeningen.dk

## 1ST CO-SUPERVISOR AT THE COMPANY (MANDATORY)

First name: Mads  
Last name: Lind  
Position: Seniorkonsulent, Forebyggelse og udvikling  
Email: mlind@hjerteforeningen.dk

## INFORMATION ABOUT THE UNIVERSITY SUPERVISOR AND ANY CO-SUPERVISORS

First name: Thomas Alexander  
Last name: Gerds  
Position: Professor  
Telephone: +45 35 32 79 14  
Email: tag@biostat.ku.dk

## INFORMATION ABOUT ANY THIRD PARTY SUPERVISORS

## ANY 1ST THIRD PARTY SUPERVISOR

First name: Bente Klarlund  
Last name: Pedersen  
Position: Director  
Organisation: Center for Aktiv Sundhed  
Email: bkp@rh.dk

## INFORMATION ABOUT THE INDUSTRIAL PHD CANDIDATE

INFORMATION ABOUT THE INDUSTRIAL PHD CANDIDATE	
First name:	Emilie Prang
Last name:	Nielsen
Date of birth:	17-10-1992
Personal email:	epnielsen@hjerteforeningen.dk
Personal telephone:	21741188
Nationality:	Danish
Gender:	Female
Educational title:	cand.scient.oecon
Has the candidate been pre-assessed by Innovation Fund Denmark? :	No
Is the candidate's bachelor's degree Danish?:	Yes
Is the candidate's master's degree Danish?:	Yes
Is it a two-year master's degree?:	Yes
Total weighted grade average for the entire education (bachelor's and master's degrees) incl. thesis:	9,5
Total weighted grade average for bachelor's degree:	8,8
Total weighted grade average for master's degree:	10,6
Grade for thesis / graduation project:	12
Grade scale used::	7-step scale
Has the candidate received their thesis grade? :	Yes
Is the candidate currently employed in the company? :	Yes
Here, please describe your plans for how the candidate will hand over their current work tasks when the project starts: :	The candidate is employed in a temporary position in the research department, where the candidate's tasks is to define the project and apply for funding through Innovationsfonden. When the project starts, the candidate's current tasks will thus be ended, and the candidate can focus entirely on the project.