AARHUS UNIVERSITY

Press release

Please fill in this form and return it to graduateschoolhealth@au.dk in Word format no later than three weeks prior to your defence.

Basic information

Name: Anne Midtgaard-Thomsen Email: midtgaard.anne@gmail.com Phone: 31711544

Department of: Clinical Medicine

Main supervisor: Troels Krarup Hansen

Title of dissertation: Atherosclerosis – translation from mouse to man in type 2 diabetes-related cardiovascular disease

Date for defence: May 29, 2020 at (time of day): 1 PM Place: Online

Press release (Danish)

Ny forskning indenfor diabetes og åreforkalkning

Kardiovaskulære sygdomme, herunder åreforkalkning, er et stigende problem blandt verdens befolkning og særligt for den gruppe af patienter med type 2 diabetes. Et nyt PhD projekt fra Aarhus Universitet, Health sætter fokus på åreforkalkning og hvordan diabetes påvirker sygdommen. To studier i mus viste at diabetes har en opregulerende effekt på enkelte inflammatoriske markører i det arteriosklerotiske plak men diabetes ser ikke ud til at øge mængden af plak. PhD studiet har desuden undersøgt hvordan mekanismerne involveret i åreforkalkning hos diabetikere translaterer mellem mus og mennesker. Projektet er gennemført i samarbejde med Novo Nordisk A/S og udført af Anne Midtgaard-Thomsen, der forsvarer det d. 29/05 2020

Forsvaret af PhD-projektet er offentligt og finder sted virtuelt. Titlen på projektet er ”Åreforkalkning – translation mellem mus og mennesker i type 2 diabetes relateret kardiovaskulær sygdom. Yderligere oplysninger og link til PhD forsvaret kan fås ved at rette henvendelse til: PhD-studerende Anne Midtgaard-Thomsen, e-mail: midtgaard.anne@gmail.com, tlf. 31711544.

Bedømmelsesudvalg:

Henrik Kjærulf Jensen, Professor, Institut for Klinisk Medicin, Aarhus Universits hospital, Skejby, Danmark (Formand)
Frederik Persson, MD, DMSc, Steno Diabetes Center, Danmark
Maria F. Gomez, PhD, Professor, Lund Universitet, Sverige

Press release (English)

New research within diabetes and atherosclerosis

Cardiovascular disease, including atherosclerosis, is growing and globally a leading cause of death and especially for patients with type 2 diabetes. A new PhD project from University of Aarhus, Health, focuses on atherosclerosis and how diabetes effects the disease. Two studies in mice showed that diabetes increases a few inflammatory markers in the arterosclerotic plaque without increasing the plaque burden. Furthermore, translation between the human and mice species has been investigated. The project was carried out in collaboration with Novo Nordisk A/S by Anne Midtgaard-Thomsen, who is defending her dissertation on May 29.

The defence is public and takes place virtually. The title of the project is Atherosclerosis – translation from mouse to man in type 2 diabetes-related cardiovascular disease. For more information and link to the defence, please contact PhD student Anne Midtgaard-Thomsen, e-mail: midtgaard.anne@gmail.com, tlf. 31711544.

Assessment committee:

Henrik Kjærulf Jensen (chairman), Professor, Department of Cardiology, Aarhus University Hospital Skejby, Aarhus, Denmark
Maria F. Gomez, PhD, Professor, Department of Clinical Sciences, Lund University, Sweden
Frederik Persson, MD, DMSc, Steno Diabetes Center, Gentofte, Denmark

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