

Press release

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Basic information

Name: Pedram Shokouh Email: Pedram@clin.au.dk Phone: 50657524

Department of: Clinical Medicine

Main supervisor: Søren Gregersen

Title of dissertation: Effects of Coffee and Its Bioactive Compounds on Development and Progression of Type-2 Diabetes, Metabolic Syndrome, and Non-Alcoholic Fatty Liver Disease - Studies In-Vivo

Date for defence: 28/11/2017 at (time of day): 14:00 Place: K-Auditorium, Building 7, Aarhus University Hospital, Nørrebrogade, 8000 Aarhus C

Press release (Danish)

Effekt af kaffe på forebyggelse af type 2 diabetes og fedtlever

Fedme medfører ophobning af fedt i leveren og en øget risiko for udvikling af type 2 diabetes. Indtagelse af kaffe er i flere undersøgelser vist at være relateret til en mindsket risiko for udvikling af fedme og type 2 diabetes. Formålet med vores undersøgelser er at vise at kaffe og kemiske stoffer forekommende i kaffe har forebyggende virkning på udviklingen af type 2 diabetes og fedme i en dyremodel. Derudover at afdække virkningsmekanismerne af de kafferelaterede stoffer på kroppens organer. Målet er at identificere et eller flere stoffer i kaffen med potentiale som behandling og forebyggelse af fedme og type 2 diabetes. Resultaterne præsenteres ved læge Pedram Shokouhs PhD forsvar d. 28. November 2017.

PhD forsvaret er offentligt tilgængeligt og finder sted d. 28/11/2017 in K-Auditorium i bygning 7, Aarhus Universitets Hospital, Nørrebrogade, 8000 Aarhus C. PhD afhandlingen har titlen: "Effekter af Kaffe og bioaktive stoffer i kaffe på udvikling af type 2 diabetes, metabolisk syndrom og fedtlever - in vivo studier på gnavere". For mere information, kontakt PhD student Pedram Shokouh, email: Pedram@clin.au.dk, Phone +45 50657524.

Bedømmelsesudvalg:

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Press release (English)

Effects of coffee on the prevention of diabetes and non-alcoholic fatty liver disease

The rising prevalence of obesity has lead to an increasing epidemic of several metabolic disorders including the type-2 diabetes and fatty liver disease. The tasty coffee, fortunately, has shown positive effects in preliminary studies on the prevention of these metabolic disorders. We tried in three separate animal experiments to prove the effectiveness of coffee in fat and diabetic models and to understand how it works in different body organs and systems. We also tested some compounds from

coffee in order to find an effective supplement for treating obese and prediabetic patients. The findings from these studies will be presented in-detail in my defence session. The project was carried out by Pedram Shokouh, who is defending his dissertation on 28th of November 2017.

The defence is public and takes place on 28/11/2017 at 2 pm in Auditorium K at Building 7, Aarhus University Hospital, Nørrebrogade, 8000 Aarhus C. The title of the project is "Effects of Coffee and Its Bioactive Compounds on Development and Progression of Type-2 Diabetes, Metabolic Syndrome, and Non-Alcoholic Fatty Liver Disease - Studies In-Vivo". For more information, please contact PhD student Pedram Shokouh, email: Pedram@clin.au.dk, Phone +45 50657524.

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