

Press release

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Basic information

Name: Martin Christensen Email: martin.christensen@clin.au.dk Phone: 26702017

Department of: Clinical Medicine

Main supervisor: Ulla Breth Knudsen, Professor, MD, PhD, Consultant

Title of dissertation: Preeclampsia and markers of post-preeclamptic cardiovascular risk

Date for defence: 22/9-2017 at (time of day): 14.00 Place: Eduard Biermann Auditorium, Aarhus University

Press release (Danish)

Svangerskabsforgiftning og markører for kardiovaskulær risiko efter svangerskabsforgiftning

3-5% af alle graviditeter kompliceres af svangerskabsforgiftning, der på verdensplan er en af de vigtigste årsager til fødselsrelateret sygdom og død. Endvidere er svangerskabsforgiftning også forbundet med øget risiko for hjerte-kar-sygdom (CVD) senere i livet. Sammenhængen mellem svangerskabsforgiftning og CVD imidlertid er kun delvist forstået, hvilket resulterer i, at opfølgning og forebyggelse af CVD efter svangerskabsforgiftning ikke sker systematisk.

Generelt sigtede denne ph.d. mod at undersøge, hvordan den øgede risiko for CVD efter svangerskabsforgiftning kom til udtryk senere i livet. I de to kliniske forskningsprojekter ønskede vi at undersøge, om den øgede risiko for CVD kunne påvises allerede 10-15 år efter fødslen. I et grundforskningsprojekt ønskede vi at undersøge, om serum fra kvinder med svangerskabsforgiftning påvirker intracellulær signalering i blodkars-celler anderledes end serum fra raske kvinder.

Resultaterne er sammenfattet i et nyt ph.d.-projekt fra Aarhus Universitet, Health. Projektet er gennemført af Martin Christensen, der forsvare d. 22/9-2017

Forsvaret af ph.d.-projektet er offentligt og finder sted den 22/9-2017 kl. 14:00 i Eduard Biermann auditoriet, Aarhus Universitet, Bartholins Allé 3, 8000 Aarhus C. Titlen på projektet er "Svangerskabsforgiftning og markører for kardiovaskulær risiko efter svangerskabsforgiftning". Yderligere oplysninger: Ph.d.-studerende Martin Christensen, e-mail: martin.christensen@clin.au.dk, tlf. 26702017.

Bedømmelsesudvalg:

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Press release (English)

Preeclampsia and markers of post-preeclamptic cardiovascular risk

Preeclampsia affects 3-5% of all pregnancies and is one of the leading causes of maternal and perinatal mortality and morbidity worldwide. Preeclampsia is also associated with increased risk of cardiovascular disease (CVD) later in life. However, as the link between preeclampsia and CVD is incompletely understood, the post-preeclamptic CVD risk management is inconsistent.

In general, this thesis aimed to study how the increased post-preeclamptic CVD risk materialized later in life. In a clinical research setting, we wanted to explore if the increased post-preeclamptic CVD risk was detectable 10-15 years after deliveries. In a basic research setting, we wanted to explore if maternal preeclamptic serum affected endothelial intracellular signalling differently than maternal healthy serum.

The project was carried out by Martin Christensen, who is defending his dissertation on 22/9-2017.

The defence is public and takes place on 22/9-2017 at 14:00 in Eduard Biermann Auditorium, Aarhus University, Bartholins Allé 3, 8000 Aarhus C. The title of the project is "Preeclampsia and markers of post-preeclamptic risk". For more information, please contact PhD student Martin Christensen, email: martin.christensen@clin.au.dk, Phone +45 26702017.

Assessment committee:

Jens Fuglsang, Associate professor, MD, PhD, Consultant (Chairman),
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