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## Publikationer

### **Does the oxygen level affect the contractility in human fetal stem villous arteries?**

Bro Schmidt, G., Knudsen, U. B., Forman, A., Aalkjær, C. & Brøgger, T., 2 okt. 2019.

### **Tone regulation in giraffe retinal arterioles**

Telinus, N., Brogger, T., Jensen, N. S., Bek, T. & Aalkjaer, C., sep. 2016, I: Acta Ophthalmologica. 94, 6, s. E523-E524 2 s.

### **Sensitivity to the thromboxane A2 analog U46619 varies with inner diameter in human stem villous arteries**

Broegger, T., Andersson, K.-E., Aalkjaer, C., Forman, A. & Boedtkjer, D. B., mar. 2016, I: Placenta. 39, s. 111-5 5 s.

### **Placental vessels from type-I diabetics and the surrounding tissue**

Kristensen, D., Brøgger, T., Ovesen, P. G., Bødtkjer, D. B. & Aalkjær, C., 18 sep. 2015, I: Acta Physiologica. 215, Supplement 706, s. 75-75 100 s.

### **Placental vessels from type-1 diabetics and the effect of sodium nitroprusside**

Kristensen, D., Brøgger, T., Bødtkjer, D. B., Andersson, K.-E., Ovesen, P. G., Forman, A. & Aalkjær, C., 17 jun. 2015.

### **The surrounding tissue modifies the placental stem villous vascular responses.**

Brøgger, T., Forman, A., Aalkjær, C. & Bødtkjer, D. M. B., 11 jun. 2014. 1 s.

### **DECLINING SENSITIVITY TO U46619 WITH DECREASED SIZE IN ISOLATED HUMAN SMALL VILLUS ARTERIES**

Brøgger, T. H., Aalkjær, C. & Forman, A., 24 jan. 2014.

### **Protection against high intravascular pressure in giraffe legs**

Petersen, K. K., Hørlyck, A., Østergaard, K. H., Andresen, J., Brøgger, T. H., Jensen, N. S., Telinius, N., Laher, I., Bertelsen, M. F., Grøndahl, C., Smerup, M. H., Secher, N. H., Brøndum, E., Hasenkam, J. M., Wang, T., Baandrup, U. & Aalkjaer, C., nov. 2013, I: American Journal of Physiology: Regulatory, Integrative and Comparative Physiology. 305, 9, s. R1021-30

### **Placental vascular responses are dependent on surrounding tissue: Moderkagens vaskulære regulering er afhængig af det omkringliggende væv**

Brøgger, T. H., 11 jan. 2013. 1 s.

### **Ændringer i det perifere autonome nervesystem hos rotter udsat for kronisk mild stress gennem flere uger.**

Brøgger, T. H., 2013. 1 s.

### **Chronic mild stress-induced depression-like symptoms in rats and abnormalities in catecholamine uptake in small arteries**

Bouzinova, E. V., Møller-Nielsen, N., Boedtkjer, D. B., Broegger, T., Wiborg, O., Aalkjaer, C. & Matchkov, V. V., 1 jan. 2012, I: Psychosomatic Medicine. 74, 3, s. 278-287 10 s.

### **Chronic mild stress induced depression-like symptoms in rats and abnormalities in catecholamine uptake in small arteries. Vascular catecholamine uptake in depression.**

Bouzinova, E., Møller-Nielsen, N. M., Bødtkjer, D. M. B., Brøgger, T. H., Wiborg, O., Aalkjær, C. & Matchkov, V., 2012, I: Psychosomatic Medicine.

**Placental vascular responses are dependent on surrounding tissue.**

Brøgger, T. H., 2012. 1 s.

**The structure of giraffe resistance arteries from muscular beds correlates with the transmural pressure**

Aalkjær, C., Brøndum, E. T., Andresen, J., Brøgger, T. H., Jensen, N. S. & Telinius, N., 10 maj 2011.

**The structure of giraffe resistance arteries from muscular beds correlates with the transmural pressure**

Aalkjær, C., Andresen, J., Brøgger, T. H., Brøndum, E. T., Jensen, N. S. & Telinius, N., 11 apr. 2011.

**A POSSIBLE ROLE OF CHITIN IN THE PATHOGENESIS OF ASTHMA AND ALLERGY**

Brinchmann, B. C., Bayat, M., Brøgger, T. H., Muttuvelu, D., Tjønneland, A. & Sigsgaard, T., 2011, I: Annals of Agricultural and Environmental Medicine. 18, 1, s. 7-12 6 s.

**Bestrophen is important for the rhythmic but not the tonic contraction in rat mesenteric small arteries**

Brøgger, T., Jacobsen, J. C. B., Dam, V. S., Boedtker, D. M. B., Kold-Petersen, H., Pedersen, F. S., Aalkjær, C. & Matchkov, V. V., 2011, I: Advances in Cardiovascular Research. 91, 4, s. 685-93 9 s.

**Vascular implications in rat chronic mild stress model of depression: role of HPA axis in resilience and susceptibility to stress. Poster**

Bouzinova, E., Brøgger, T., Christiansen, S., Palme, R., Wiborg, O. & Matchkov, V., 2010.

**Bestrophen-3-associated calcium-activated chloride current is important for rhythmic but not tonic activities in rat mesenteric small arteries.**

Aalkjær, C., Matchkov, V., Brøgger, T., Bødtker, D. M. B. & Pedersen, F. S., 2009. 1 s.

**Bestrophen-3 associated  $Ca^{2+}$ -activated  $Cl^-$  conductance is important for synchronization in the arterial wall**

Brøgger, T., Aalkjær, C. & Matchkov, V., 2009, I: Hypertension. 1 s.

**Increase in vascular reactivity in the Rat Chronic Mild Stress model of depression depends on the type of vascular bed: in vitro studies on cerebral, skeletal muscle and mesenteric circulations.**

Brøgger, T., Bouzinova, E., Møller-Nielsen, N., Henningsen, K., Wiborg, O., Aalkjær, C. & Matchkov, V., 2009.

**Bestrophen-3-associated  $Ca^{2+}$ -activated  $Cl^-$  channel is important for the rhythmic but not the tonic activities in the vascular wall**

Brøgger, T., Bødtker, D. M. B., Per, L., Pedersen, F. S., Aalkjær, C. & Matchkov, V., 2009.

**The functional importance of bestrophen-3 (best-3) for vasomotion.**

Brøgger, T., Aalkjær, C. & Matchkov, V., 2009. 1 s.

## Projekter

**Danish Cardiovascular Giraffe Research Programme (DaGIR)**

Brøndum, E. T. (Projektleder), Aalkjær, C. (Projektleder), Hasenkam, J. M. (Projektleder), Wang, T. (Projektleder), Nygaard, H. (Deltager), Petersen, K. K. (Deltager), Smerup, M. H. (Deltager), Baandrup, U. T. (Deltager), Funder, J. A. (Deltager), Sloth, E. (Deltager), Kastberg, P. (Deltager), Kristiansen, S. B. (Deltager), Andresen, J. (Deltager), Buchanan, R. D. (Deltager), Jensen, H. M. (Deltager), Telinius, N. (Deltager), Brøgger, T. (Deltager) & Jensen, N. S. (Deltager)  
01/06/2005 → 31/01/2017

## Aktiviteter

**Aarhus University Graduate School of Health, PhD Day 2014**

Brøgger, T. (Deltager)

24 jan. 2014

**Ændringer i det perifere autonome nervesystem hos rotter udsat for kronisk mild stress gennem flere uger.**

Brøgger, T. (Foredragsholder)

7 nov. 2013

**CMS-rotter: Kronisk mild stress**

Brøgger, T. (Oplægsholder)

16 okt. 2013

**Kongres for Medicinsk Studenterforskning**

Brøgger, T. (Arrangør)

8 mar. 2013 → 10 mar. 2013

**Kongres for medicinsk studenterforskning 2014**

Brøgger, T. (Arrangør)

14 mar. 2014 → 16 mar. 2014

**Kongres for Medicinsk Studenterforskning 2015**

Brøgger, T. (Arrangør)

12 mar. 2015 → 15 mar. 2015

**PhD day 2015**

Brøgger, T. (Deltager)

23 jan. 2015

**Placental vascular responses are dependent on surrounding tissue**

Brøgger, T. (Foredragsholder)

9 mar. 2012 → 11 mar. 2012

**Placental vascular responses are dependent on surrounding tissue**

Brøgger, T. (Foredragsholder)

13 jun. 2012

**The importance of  $\text{Ca}^{2+}$ -activated  $\text{Cl}^-$  channels for synchronization in the vascular wall**

Brøgger, T. (Oplægsholder)

13 maj 2009 → 15 maj 2009

**The surrounding tissue modifies the placental stem villous vascular responses.**

Brøgger, T. (Foredragsholder)

11 jun. 2014