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## Ansættelse

### Afdeling for Hjerne- og Nervesygdomme

Region Hovedstaden

1 jan. 2019 → present

### Translationelt Forskningscenter, Rigshospitalet

Region Hovedstaden

1 apr. 2023 → present

## Publikationer

### **Distinct Alterations of Inflammatory Biomarkers in Cluster Headache: A Case Control Study**

Lund, N. L. T., Westgate, C. S. J., Søborg, M.-L. K., Snoer, A. H., Jensen, R. H., Hansen, T. F. & Petersen, A. S., 21 feb. 2025, (E-pub ahead of print) I: *Annals of Neurology*.

### **Overuse of analgesics can affect the fertility biomarker Anti-Müllerian Hormone in females. A translational study**

Carlsen, L. N., Nielsen, B. S., Rouw, C., Petersen, M. R., Lindh, C. H., Kraus, A. M., Westgate, C. S. J., Jeppesen, J. V., Jensen, L. B., Kristensen, S. G., Ziebe, S., Jensen, R. H. & Kristensen, D. M., nov. 2024, I: *Cephalalgia : an international journal of headache*. 44, 11, 10 s., 3331024241290530.

### **Metabolic Dysfunction in New-Onset Idiopathic Intracranial Hypertension: Identification of Novel Biomarkers**

Korsbæk, J. J., Jensen, R. H., Beier, D., Wibroe, E. A., Hagen, S. M., Molander, L. D., Gillum, M. P., Svart, K., Hansen, T. F., Kogelman, L. J. A. & Westgate, C. S. J., 22 jun. 2024, I: *Annals of Neurology*. 96, 3, s. 595-607 13 s.

### **Acetazolamide and topiramate lower intracranial pressure through differential mechanisms- the effect of acute and chronic administration**

Westgate, C. S. J., Kamp-Jensen, C., Israelsen, I. M. E., Toft-Bertelsen, T., Wardman, J. H., Jensen, C. A., Styrihave, B., MacAulay, N., Jensen, R. H. & Eftekhari, S., jan. 2024, I: *British Journal of Pharmacology*. 181, 1, s. 70-86 17 s.

### **Compensated Hypogonadism Identified in Males with Cluster Headache: A Prospective Case-Controlled Study**

Petersen, A. S., Kristensen, D. M., Westgate, C. S. J., Folkmann-Hansen, T., Lund, N., Barloese, M., Søborg, M.-L. K., Snoer, A., Johannsen, T. H., Frederiksen, H., Juul, A. & Jensen, R. H., 2024, I: *Annals of Neurology*. 95, 6, s. 1149-1161 13 s.

### **Exposure to topiramate and acetazolamide causes endocrine disrupting effects in female rats during estrus**

Kamp-Jensen, C., Donslund, L. N., Styrihave, B., Jensen, R. H. & Westgate, C. S. J., 2024, I: *Toxicology and Applied Pharmacology*. 486, 116919.

### **Cycle-dependent sex differences in expression of membrane proteins involved in cerebrospinal fluid secretion at rat choroid plexus**

Israelsen, I. M. E., Kamp-Jensen, C., Westgate, C. S. J., Styrihave, B., Jensen, R. H. & Eftekhari, S., 9 nov. 2023, I: *BMC Neuroscience*. 24, 1, 60.

### **Effects of caffeine on intracranial pressure and pain perception in freely moving rats**

Israelsen, I. M. E., Westgate, C. S. J., Kamp-Jensen, C., Jensen, R. H. & Eftekhari, S., okt. 2023, I: *Headache*. 63, 9, s. 1220-1231 12 s.

#### **Glucocorticoids modify intracranial pressure in freely moving rats**

Westgate, C. S. J., Israelsen, I. M. E., Kamp-Jensen, C., Jensen, R. H. & Eftekhari, S., 25 maj 2023, I: Fluids and Barriers of the CNS. 20, 1, 35.

#### **The impact of obesity-related raised intracranial pressure in rodents**

Westgate, C. S. J., Hagen, S. M., Israelsen, I. M. E., Hamann, S., Jensen, R. H. & Eftekhari, S., 2022, I: Scientific Reports. 12, 1, 14 s., (2022) 12:9102.

#### **Understanding the link between obesity and headache- with focus on migraine and idiopathic intracranial hypertension**

Westgate, C. S. J., Israelsen, I. M. E., Jensen, R. H. & Eftekhari, S., 2021, I: Journal of Headache and Pain. 22, 1, 123.

#### **Guide to preclinical models used to study the pathophysiology of idiopathic intracranial hypertension**

Alimajstorovic, Z., Westgate, C. S. J., Jensen, R. H., Eftekhari, S., Mitchell, J., Vijay, V., Seneviratne, S. Y., Mollan, S. P. & Sinclair, A. J., 2020, I: Eye. 34, 8, s. 1321-1333 13 s.

#### **Long-term monitoring of intracranial pressure in freely-moving rats; impact of different physiological states**

Eftekhari, S., Westgate, C. S. J., Johansen, K. P., Bruun, S. R. & Jensen, R. H., 2020, I: Fluids and Barriers of the CNS. 17, 1, s. 17-39 39.

#### **A unique androgen excess signature in idiopathic intracranial hypertension is linked to cerebrospinal fluid dynamics**

O'Reilly, M. W., Westgate, C. S., Hornby, C., Botfield, H., Taylor, A. E., Markey, K., Mitchell, J. L., Scotton, W. J., Mollan, S. P., Yiangou, A., Jenkinson, C., Gilligan, L. C., Sherlock, M., Gibney, J., Tomlinson, J. W., Lavery, G. G., Hodson, D. J., Arlt, W. & Sinclair, A. J., 2019, I: JCI Insight. 4, 6, s. e125348

#### **Preclinical update on regulation of intracranial pressure in relation to idiopathic intracranial hypertension**

Eftekhari, S., Westgate, C. S. J., Uldall, M. S. & Jensen, R. H., 2019, I: Fluids and Barriers of the CNS. 16, 1, s. 16-35 12 s.

## **Priser**

### **Lundbeckfondens Talent Prize 2023**

Westgate, C. S. J. (Modtager), 2023