

Full list of peer reviewed papers (# shared first/last authorship):

1. Pedersen NW, Holm A, Kristensen NP, Bjerregaard A, Bentzen AK, Tamhane T, Burgdorf KS, Ullum H, Jennum P, Knudsen S, Hadrup SR, **Kornum BR** (2019). Broad presence of autoreactive CD8 T cells against narcolepsy type 1-relevant proteins. *Nature Communications*, 10(1):837.
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3. Gustafsson JR, Katsioudi G, Degn M, Ejlerskov P, Issazadeh-Navikas S, **Kornum BR** (2018). DNMT1 regulates expression of MHC class I in post-mitotic neurons. *Molecular Brain*. 11(1):36.
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6. Moresco M, Lecciso M, Ocadlikova D, Filardi M, Melzi S, **Kornum BR**, Antelmi E, Pizza F, Mignot E, Curti A, Plazzi G (2017). Flow cytometry analysis of T-cell subsets in cerebrospinal fluid of Narcolepsy Type 1 patients with long lasting disease. *Sleep Medicine*. 44:53-60.
7. Zager A, Brandão WN, Margatho RO, Cruz DSG, Peron JP, Tufik S, Andersen ML, Moresco M, Pizza F, Plazzi G, **Kornum BR**, Palermo-Neto J (2018). Increased interferon-mediated immunity following in vitro and in vivo Modafinil treatment on peripheral immune cells. *Prog Neuropsychopharmacol Biol Psychiatry*. 81:297-305.
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9. Zager A, Brandão WN, Margatho RO, Peron JP, Tufik S, Andersen ML, **Kornum BR**, Palermo-Neto J (2018). The wake-promoting drug Modafinil prevents motor impairment in sickness behavior induced by LPS in mice: Role for dopaminergic D1 receptor. *Prog Neuropsychopharmacol Biol Psychiatry*. 81:468-476
10. Degn M#, Dauvilliers Y#, Dreisig K, Lopez R, Pfister C, Pradervand S, **Kornum BR**#, Tafti M#. (2017). Rare missense mutations in P2RY11 in narcolepsy with cataplexy. *Brain*. 140:1657-1668.
11. Christensen JA, Nikolic M, Hvidtfelt M, **Kornum BR**, Jennum P. (2017) Sleep spindle density in narcolepsy. *Sleep Medicine*. 34:40-49.
12. **Kornum BR**, Knudsen S, Ollila H, Pizza F, Jennum P, Dauvilliers Y, and Overeem S (2017) . Narcolepsy. *Nature Reviews Disease Primers*. 3:16100.
13. Hvidtfelt M, **Kornum BR**, Jennum P (2017). Sleep-wake stability in narcolepsy patients with normal, low and unmeasurable hypocretin levels. *Sleep Medicine*. 34:1-6.
14. Christensen JA, Kempfner L, Leonthin HL, Hvidtfelt M, Nikolic M, **Kornum BR**, Jennum P (2017). Novel method for evaluation of eye movements in patients with narcolepsy. *Sleep Medicine*. 33:171-180.
15. Schrölkamp M, Jennum PJ, Gammeltoft S, Holm A, **Kornum BR**#, Knudsen S#. (2017). Normal morning MCH levels and absence of association with REM or NREM sleep parameters in narcolepsy type 1 and type 2. *J Clin Sleep Medicine*. 13:235-243.
16. Gustafsson JR, Katsioudi G, Jacobsen SO, Issazadeh-Navikas S, **Kornum BR** (2016). Neurobasal media facilitates increased specificity of siRNA-mediated knockdown in primary cerebellar cultures. *Journal of Neuroscience Methods*. 2016 Dec 1;274:116-124
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33. Faraco J#, Lin L#, **Kornum BR**, Kenny EE, Trynka G, Einen M, Rico TJ, Lichtner P, Dauvilliers Y, Arnulf I, Lecendreux M, Javidi S, Geisler P, Mayer G, Pizza F, Poli P, Plazzi G, Overeem S, Lammers GL, Kemlink D, Sonka K, Nevsimalova S, Rouleau G, Desautels A, Montplaisir J, Frauscher B, Ehrmann L, Högl B, Jennum P, Bourgin P, Peraita-Adrados P, Iranzo A, Bassetti C, Chen WM, Concannon P, Thompson SD, Damotte V, Fontain B, Breban M, Gieger C, Klopp N, Deloukas P, Wijmenga C, Hallmayer J, Onengut-Gumuscu S, Rich SS, Winkelmann J, Mignot E (2013). ImmunoChip study implicates antigen presentation to T-cells in narcolepsy. *PLoS genetics*. Feb;9(2):e1003270.

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36. Winkelmann J, Lin L, Schormair B, **Kornum BR**, Faraco J, Plazzi G, Melberg A, Cornelio F, Urban AE, Pizza F, Poli F, Grubert F, Wieland T, Graf E, Hallmayer J, Strom TM, Mignot E (2012). Mutations in DNMT1 cause autosomal dominant cerebellar ataxia, deafness and narcolepsy. *Human Molecular Genetics*. 21:2205-10
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Books

1. **Kornum BR** (2019). "Forstå din søvn. Hvad videnskaben siger om at sove godt og hvordan du opnår det." Gyldendal.

Book chapters:

1. **Kornum BR** (2017). Genetics of Human Sleep and Sleep Disorders. In: Neuro-Phenome. "Cutting-edge Approaches and Technologies in Neurobehavioral Genetics". Wiley-Blackwell.
2. **Kornum BR** (2016). Precipitants of Narcolepsy: Vaccines and Infections. In: Narcolepsy, 2nd Edition: A Clinical Guide, edited by Meeta Goswami, Michael J. Thorpy, and S. R. Pandi-Perumal. Springer.
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