

Publications – Jens Mikkelsen
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Total: 300 published
H-factor: 68

2022

302. Pazarlar BA, Madsen CA, Oyar EÖ, Eğilmez CB and **Mikkelsen JD** (2022) Temporal and spatial changes in Synaptic Vesicle Glycoprotein 2A (SV2A) under kainic acid induced epileptogenesis: An autoradiographic study. *Epilepsy Research* – Accepted for publication
301. Aripaka SS, Bech-Azeddine R, Jørgensen LM, **Mikkelsen JD** (2022) The expression of metalloproteinases in the lumbar discs correlates strongly with Pfirrmann MRI grades in lumbar spinal fusion patients. *Brain and Spine*. Accepted for publication

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300. Alwassil OI, Khatri S, Schulte MK, Aripaka SS, **Mikkelsen JD**, Dukat M (2021) N₁H- and N₁-substituted phenylguanidines as $\alpha 7$ nicotinic acetylcholine (nACh) receptor antagonists: Structure-activity relationship studies. *ACS Chem Neurosci* **12**(12):2194-2201
299. Raval NR, Gudmundsen F, Juhl M, Petersen IN, Videbæk A, **Mikkelsen JD**, Fisher PM, Plavén-Sigra P, Knudsen GM, and Palner M (2021) Synaptic density and neuronal metabolic function measured by PET in the unilateral 6-OHDA rat model of Parkinson's disease. *Frontiers in Synaptic Neuroscience*. In press
298. Aripaka SS, Bech-Azeddine R, Jørgensen LM, Chughtai SA, Gaarde C, Bendix T and **Mikkelsen JD** (2021) Low back pain scores correlate with the cytokine mRNA level in lumbar disc biopsies: a study of inflammatory markers in patients undergoing lumbar spinal fusion. *Eur Spine J*, 10:2967-2974

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297. Aripaka S and **Mikkelsen JD** (2020) Anti-inflammatory effect of Alpha7 nicotinic acetylcholine receptor modulators on BV2 cells. *Neuroimmunomodulation* **27**:194–202, DOI: 10.1159/000513197.
296. Donat CK, Hansen HH, Hansen HD, Mease RC, Horti AG, Pomper MG, L'Estrade ET, Herth MM, Peters D, Knudsen GM and **Mikkelsen JD** (2020) In Vitro and in vivo characterization of dibenzothiophene derivatives [¹²⁵I] Iodo-ASEM and [¹⁸F] ASEM as radiotracers of homo- and heteromeric $\alpha 7$ nicotinic acetylcholine receptors. *Molecules* **25**(6):1425-1944; doi: 10.3390/molecules25061425.

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294. Larsen HM, Hansen SK, **Mikkelsen JD**, Hyttel P, and Stummann TC (2019) Alpha 7 nicotinic acetylcholine receptors and neural network synaptic transmission in human induced pluripotent stem cell-derived neurons. *Stem Cell Research*, vol 41. 101642 (10 pgs)

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292. Runegaard AH, Sørensen AT, Fitzpatrick CM, Jørgensen SH, Petersen AV, Weikop P, **Mikkelsen JD**, Woldbye D, Rickhag M, Wortwein G and Gether U (2018) Chemogenetic activation of a Gi-coupled receptor in ventral tegmental area dopaminergic neurons segregates locomotor-stimulant from reward-enhancing effects of cocaine. *eNeuro.* Jun 18;5(3). pii: ENEURO.0345-17.2018

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288. Hansen HH, Weikop P, Mikkelsen MD, Rode, F and **Mikkelsen JD** (2017) The pan-Kv7 (KCNQ) Channel Opener Retigabine Inhibits Striatal Excitability by Direct Action on Striatal Neurons In Vivo. *Basic Clin Pharmacol Toxicol.* 120(1):46-51. doi: 10.1111/bcpt.12636.
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 280. Lyukmanova EN, Shulepko MA, Kudryavtsev D, Bychkov ML, Kulbatskii DS, Kasheverov IE, Astapova MV, Feofanov AV, Thomsen MS, **Mikkelsen JD**, Shenkarev ZO, Tsetlin VI, Dolgikh DA, Kirpichnikov MP (2016) Human secreted Ly-6/uPAR related protein-1 (SLURP-1) is a selective non-competitive allosteric inhibitor of $\alpha 7$ nicotinic acetylcholine receptors. *PlosOne.* 11(2):e0149733. doi: 10.1371/journal.pone.0149733.
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269. Overgaard A, Axel AMD, Lie MEK, Hansen HH and **Mikkelsen JD** (2015) High serum triglyceride level is related to reduced kisspeptin in the arcuate nucleus of male rats. *Endocr Regulations*, **49**, 51-57
268. Jensen MM, Arvaniti M, **Mikkelsen JD**, Michalski D, Härtig W and Thomsen MS (2015) Prostate stem cell antigen interacts with nicotinic acetylcholine receptors and is affected in Alzheimer's disease. *Neurobiology Ageing* 36(4):1629-38.
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