

Profiles

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**KJELL FUXE**

**List of Publications**

**Includes publications from 1962 to 2012**

Vetenskapliga arbeten:

K. FUXE

1. Preservation of cholinesterase and its histochemical demonstration after freeze-drying and polyethylene glycol embedding. Acta morph. Neerl. scand. III, 1107-1113, 1960. Tills. m. B. Fredricsson, B. Holmstedt o. F. Sjöqvist.
2. Cryostate sectioning of frozen tissue. Stain Techn. 37, 377-378, 1962. Tills. m. O. Nilsson.
3. Autofluorescent granules of the uterine epithelium in the spayed mouse. Zeitschr. Wissenschaftl. Mikr. mikroskop. Tech. 65, 292-300, 1963. Tills. m. O. Nilsson.
4. Histochemistry of the lipid granules in the uterine epithelium of the spayed mouse. J. Ultrastruct. Res. 8, 379-390, 1963. Tills. m. O. Nilsson.
5. Histochemistry of the decomposing lipid granules in the uterine epithelium during oestrogen stimulation. Exp. Cell Res. 32, 109-117, 1963.
6. The mouse uterine surface epithelium during the estrous cycle. Anat. Rec. 145, 541-548, 1963. Tills. m. O. Nilsson.
7. Cell culture of mouse uterine epithelium. Acta morphol. Neerl. Scand. 5, 380-384, 1963. Tills. m. O. Nilsson.
8. Cellular localization of monoamines in the median eminence and in infundibular stem of some mammals. Acta physiol. scand. 58, 383-384, 1963.
9. Chemical and histochemical evaluation of the distribution of catecholamines in the rabbit and guinea pig heart. Acta physiol. scand. 59, 184-192, 1963. Tills. m. E.A. Angelakos o. M.L. Torchiana.
10. Cellular localization of monoamines in the median eminence and infundibular stem of some mammals. Z. Zellforsch. 61, 710-724, 1964.
11. Mastcells and monoamines. Experientia 20, 80-82, 1964. Tills. m. J. Adams-Ray, A. Dahlström o. N.-Å. Hillarp.
12. Cellular localization of monoamines in the spinal cord. Acta physiol. scand. 60, 112-119, 1964. Tills. m. A. Carlsson, B. Falck o. N.-Å. Hillarp.
13. A histochemical and biochemical correlation evaluating the effect of reserpine on the storage mechanism of noradrenaline. Acta physiol. scand. 61, 121-130, 1964. Tills. m. G. Sedvall.
14. A method for the demonstration of adrenergic nerve fibres in peripheral nerves. Z. Zellforsch. 62, 602-607, 1964. Tills. m. A. Dahlström.
15. A method for the demonstration of monoamine containing neurons in the central nervous system. Acta physiol. scand. 60, 293-294, 1964. Tills. m. A. Dahlström.
16. Localization of monoamines in the lower brain stem. Experientia. 20, 398-399, 1964. Tills. m. A. Dahlström.
17. Evidence for the existence of monoamine containing neurons in the central nervous system. I. Demonstration of monoamines in the cell bodies of brain stem neurons. Acta physiol. scand. 62, Suppl. 232. 1-55. Tills. m. A. Dahlström.

18. Demonstration and mapping out of nigrostriatal dopamine neurons. Life Sci. 3, 523-530, 1964. Tills. m. N.-E. Andén, A. Carlsson, A. Dahlström o. N.-Å. Hillarp.
19. Observations on the cellular localization of dopamine in the caudate nucleus of the rat. Z. Zellforsch. 63, 701-706, 1964. Tills. m. T. Hökfelt o. O. Nilsson.
20. Adrenergic mechanisms in the pupillary light - reflex path. Acta physiol. scand. 62, 119-124, 1964. Tills. m. A. Dahlström, N.-Å. Hillarp o. T. Malmfors.
21. Ascending catecholamine system from the lower brain stem. Acta physiol. scand. 62, 485-486, 1964. Tills. m. A. Dahlström, O. Larsson o. U. Ungerstedt.
22. The effect of certain psychopharmaca on the central monoamine neurons. Experientia 20, 690-691, 1964. Tills. m. V. Bartonicek o. A. Dahlström.
23. Uptake of L-dopa and noradrenaline by central adrenergic neurons. Life Sci. 13, 1403-1406, 1964. Tills. m. N.-Å. Hillarp.
24. Depletion of the amine stores in brain catecholamine terminals on amygdaloid stimulation. Acta physiol. scand. 62, 493-494, 1964. Tills. m. L.-M. Gunne.
25. The cellular localization of monoamines in the upper brain stem of the pigeon. J. Comp. Neurol. 125, 355-382, 1965. Tills. m. L. Ljunggren.
26. The cellular localization of monoamines in the area postrema of certain mammals. J. Comp. Neurol. 125, 337-354, 1965. Tills. m. Ch. Owman.
27. The adrenergic innervation of the nasal mucosa of certain mammals. Acta Oto-Laryngol. 59, 65-72, 1965. Tills. m. A. Dahlström.
28. The distribution of adrenergic nerve fibres to the blood-vessels of skeletal muscle. Acta physiol. scand. 64, 75-86, 1965. Tills. m. G. Sedvall.
29. Evidence for the existence of monoamine containing neurons in the central nervous system. II. Experimentally induced changes in the intraneuronal amine levels. Acta physiol. scand. 64, Suppl. 247. 1-36, 1965. Tills. m. A. Dahlström.
30. Evidence for the existence of monoamine containing neurons in the central nervous system. III. Presence of monoamine containing terminals in the lower brain stem. Z. Zellforsch. 65, 573-596, 1965.
31. Further evidence for the presence of nigro-neostriatal dopamine neurons. Am. J. Anat. 116, 329-333, 1965. Tills. m. N.-E. Andén, A. Dahlström o. K. Larsson.
32. Evidence for the existence of monoamine containing neurons in the central nervous system. IV. The distribution of monoamine terminals in the central nervous system. Acta physiol. scand. 64, Suppl. 247. 39-85, 1965.

33. Site of action of reserpine. Acta pharmacol. 22, 277-292, 1965. Tills. m. A. Dahlström o. N.-Å. Hillarp.
34. Central monoamine neurons and monoamine neurotransmission. Proc. of the XIIIrd Internat. Congr. of Physiological Sciences, Tokyo, Sept. 1965. pp. 419-434.
35. Histochemical and biochemical detection of monoamine release from brain neurons. Life Sci. 4, 809-811, 1965. Tills. m. A. Carlsson, A. Dahlström o. M. Lindqvist.
36. Failure of reserpine to deplete noradrenaline neurons of  $\alpha$ -methyl-noradrenaline formed from  $\alpha$ -methyl-dopa. Acta pharmacol. 22, 270-276, 1965. Tills. m. A. Carlsson, A. Dahlström o. N.-Å. Hillarp.
37. Absence of monoamines in olivo-cochlear fibres in cat. Acta physiolog. scand. 64, 259-262, 1965.
38. Reduction of the monoamine stores in the terminals of bulbospinal neurons following stimulation in the medulla oblongata. Life Sci. 4, 1207-1212, 1965. Tills. m. A. Dahlström.
39. A fluorescence and electronmicroscopic study on certain brain regions rich in monoamine terminals. Amer. J. Anat. 117, 33-46, 1965. Tills. m. T. Hökfelt o. O. Nilsson.
40. Mechanoreceptors and adrenergic nerve terminals. Experientia 21, 641-642, 1965. Tills. m. B.Y. Nilsson.
41. Evidence for the existence of outflow of noradrenaline nerve fibres in the ventral roots of the rat spinal cord. Experientia 21, 409, 1965. Tills. m. A. Dahlström.
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43. Evidence for the existence of monoamine neurons in the central nervous system. M.D. Thesis, Stockholm 1965.
44. Observations on the adrenergic innervation of the dog's heart. Amer. J. Physiol. 206, 689-692, 1965. Tills. m. A. Dahlström, M. Myatu o. B. Zetterström.
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50. Morphologic changes in the mouse uterine epithelium during decomposition of lipid granules. Meth. Achievm. Exp. Path. 1, 271-297, 1966. Tills. m. O. Nilsson.
51. Central monoamine neurons. In: Mechanisms on release of biogenic amines. Eds.: U.S. v. Euler, S. Rosell and B. Uvnäs, Pergamon Press, 1966, pp. 31-37. Tills. m. N.-Å. Hillarp o. A. Dahlström.
52. Demonstration and mapping out of central DA, NA and 5-HT neuron systems and their reaction to psychopharmaca. Pharm. Rev. 18, 727-741, 1966. Tills. m. A. Dahlström o. N.-Å. Hillarp.
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### **2010 New publications (30) since last Jahre nomination 2010.**

1434. An integrated view on the role of receptor mosaics at perisynaptic level: focus on adenosine A(2A), dopamine D(2), cannabinoid CB(1), and metabotropic glutamate mGlu(5) receptors. **J Recept Signal Transduct Res** 30(5): 355-69, 2010. (Agnati LF, Guidolin D, Albertin G, Trivello E, Ciruela F, Genedani S, Tarakanov A, Fuxe K.)
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1451. Adenosine-dopamine interactions in the pathophysiology and treatment of CNS disorders. **CNS Neurosci Ther** 16(3): e18-42, 2010. (Fuxe, K., D. Marcellino, et al.)
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