

Karl-Ludvig Reichelt, Norway

From Jan 1978 up to the present, Senior researcher (Same as tenured professor) at the Dept of pediatric at the Childrens Hosp , Univ of Oslo, Rikshospitalet,N 0027,Oslo.

Research Prizes:

- "Snøkloas" medical price ,Univ of Oslo 1984.
- "The pearl growers price" .Inst of synergistic Med , Wichita USA 2000. for "having proposed ideas that irritated the medical community, but was later proven right"at the 15th Int Meeting on Human functioning.
- 2003:Presented with The Royal Gold medal for meritorious research 9 march 04.
- "Brobygger prisen" awarded sept 05.

Nominated membership in organizations:

Int Soc of neurochemistry and European neuroscience Association and European brain and behaviour Society.

Research: 207 major research papers and 135 minor ones.

Board member: Autism :The International Journal of research and Practice.

Advisory board: Autism Research Review Int. San Diego,USA-

Editorial board: Scandinavian J Biological Medicine.

Editorial board: Int J Clin Invest.

Major publications.

1: Reichelt KL , Kvamme E and Tveit B (1964) The enzymatic determination of ammonia in blood and tissues. Scand J Clin Lab Invest. 16: 433-439.

2: Reichelt KL and Kvamme E(1967) Acetylated and peptide bound glutamate and aspartate in brain. J Neurochem. 14: 987-996.

3: Reichelt KL (1968) The chemical basis for the intolerance of the brain to anoxia. Acta Anest. Scand Suppl XXIX : 35-46.

4: Reichelt KL and Fonnum F (1969) Subcellular localization of N-acetyl aspartate, N-acetylaspartyl- glutamate and glutathione in brain. J Neurochem 16: 1409-1416.

5: Reichelt KL (1970) The isolation of gamma-glutamyl peptides from monkey brain. J Neurochem 17: 19-25.

6: Reichelt KL (1970) Betydningen av enzymrensing .Tids.Norsk.Læefor. 90: 160-165.

7: Reichelt KL (1971) isolation of two pantotheine-containing acidic proteins from monkey brain. J Neurochem. 18: 1317-1328.

- 8: Reichelt kl , Wedege E and Kvamme E. (1971) Effects of amines on the level of n-acetyl-aspartate and N-acetylasparyl-glutamate in brain tissue slices. J Neurochem. 18: 1317-1328.
- 9: Reichelt KL (1971) An investigation into the nature and function of anionic amino acids, peptides and acid-soluble proteins from brain tissues. Oslo Univ Thesis : 1-42.
- 10: Wedege E, Reichelt KL and Kvamme E (1972) isolation of an acid-soluble protein of low molecular weight from monkey brain. J Neurochem 19: 1137-1146.
- 11: Reichelt KL and Kvamme E (1973) Histamine dependent formation of N-acetyl-aspartyl peptides in mouse brain. J Neurochem 21: 849-859.
- 12: Andersen BL and Reichelt KL (1974) A simple automatic dispensing apparatus .Anal Biochem 59: 517-523.
- 13: Reichelt KL and Edminson PD (1974) Biogenic amine specificity of cortical peptide synthesis in monkey brain. FEBS Letters 47: 185-189.
- 14: Reichelt KL , Edminson PD and Kvamme E (1976) The formation of peptido-amines from constituent amino acids and histamine in hypothalamic tissue. J neurochem 26: 811-815.
- 15: Reichelt KL and Edminson PD (1976) Transmitter dependent peptide synthesis. in New and second Messengers in the CNS . Adv Biochem Psychopharmacol 15: 211-213.
- 16: Kvamme E, Reichelt KL, Edminson PD, Svenneby G and Sinichkin AA (1975) N-substituted peptides in brain. Proc 10th FEBS Meet. Paris: 127-181.
- 17: Reichelt KL and Edminson PD (1977) Peptides containing probable transmitter candidates in the CNS. in Peptides in Neurobiology. (Gainer H : edit) Plenum Press : 171-181.
- 18: Sinichkin AA, Sterri B, Edminson PD , Reichelt KL and Kvamme E(1977): In vivo labelling of acetyl-aspartyl peptides in mouse brain from intracranially and intraperitoneally administered acetyl(U-14C)Aspartate. J Neurochem. 29: 425-431.
- 19: Helle K, Serck-Hansen G and Reichelt KL (1977) Resistance of Dopamine-beta-hydroxylase to proteolysis during tryptic digestion of the adrenomedullary chromogranins. Int J Biochem 8: 693-704.
- 20: Reichelt KL , Trygstad OE, Edminson PD, Foss I, Sælid G, Johansen JH, and Bøler JB(1978) Peptides in control of behaviour and metabolism. Proc Eur Soc neurochem 1: 453-454.
- 21: Reichelt KL , Trygstad OE, Foss I, Edminson PD, Johansen JH and Bøler JB (1978) Humoral control of appetite II. The isolation and characterization of an anorexogenic peptide from human urine. Neuroscience. 3: 1207-1211.

- 22: Trygstad OE and Reichelt KL (1978) Peptides regulating metabolic process and behaviour. Research In Norway. 42-49.
- 23: Trygstad OE, Foss I, Edminson PD and Reichelt KL (1978) Humoral control of appetite I. A urinary anorexogenic peptide. Chromatographic patterns of urinary peptides in anorexia nervosa. Acta Endocrinol (Kbhvn) 89: 196-208.
- 24: Trygstad OE, Foss I, Edminson PD and Reichelt KL (1978). A peptide producing obesity in mice isolated from urine of patients with "metabolic" obesity. Int J Obesity 2: 386-387.
- 25: Hole K, Bergslien H, Jørgensen HA, Berge O-G, Reichelt KL and Trygstad OE (1979) Peptide-containing fractions in the urine of schizophrenic patients stimulates opiate receptors and inhibits dopamine uptake. neuroscience 4: 1883-1893.
- 26: Reichelt KL (1979) Autisme i nytt lys. Glasskulen 2-9.
- 27: Reichelt KL (1979) Personlighetsvariabler og peptider. I metoder i psykiatrien , NAVF , OSLO pp 39-56.
- 28: Reichelt KL and Trygstad OE (1979) Research into personality variables illustrated by the study of behaviourally relevant peptides. J of Pharmacotherapy 2: 146-152.
- 29: Reichelt KL, Trygstad OE, Foss I and Johansen JH (1979) Purification and characterization of an aggression-inducing peptide from patients with congenital generalized lipodystrophy . in Psychopharmacology of Aggression. (Edit .Sandler M) Raven Press, NY . 159-172.
- 30: Høstmark AT, Jebens E and Reichelt KL (1980) Stimulation of glucose metabolism in cell cultures by material from urine of energy deficient subjects. Medel Norsk Farmakol Selskap 42: 97-102.
- 31: Reichelt KL (1980) Forskning og sannhet. Eksempel fra schizofreni-forskningen. Intermedicos 23: 61-71.
- 32: Reichelt KL (1980) Urin peptider i psykiatriske sykdommer . Nord. Med. 95:283-286.
- 33: Trygstad OE, Foss I and Reichelt KL (1980) peptider med virkning på metabolisme og adferd. Arch Pharmasi og Chem 87: 141-153.
- 34: Trygstad OE, Reichelt KL, Foss I, Edminson PD, Sælid G, Bremer J, Hole K, Ørbeck H, Johansen JH, Bøler JB, Titlestad K and Opstad PK (1980) Pattern of peptide-carrier, protein complexes in psychiatric disorders. Brit J Psychiat 136:59-72(Written by KLR)
- 35: Reichelt KL , Edminson PD, and Sælid G (1981) The biological basis of schizophrenia. in Bilogi og psykodynamisk Schizofreni og Affektive psykoser in en flerdimensjonal referense ramme. (Edit: Sagedal E and Eide G). Eg Sykehus, Kristiansand. pp 28-44.

36: Sælid G and Reichelt KL (1981) Peptidfaktorer ved affektive psykoser. i Biologi og psykodynamisk Schizofreni og Affektive psykoser i en flerdimensjonal referense ramme .(Edit: Sagedal E and Eide G) Eg Sykehus, Kristiansand, pp 82-90.

37: Reichelt KL, Hole K, Hamberger A, Sælid G, Edminson PD , Braestrup CB, Lingjærde O, Ledaal P and Ørbeck H (1981). Biologically active peptide-containing fractions in schizophrenia and childhood autism. Adv in Biochem Psychopharmacol. 28: 627-698.

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39: Reichelt KL (1982) Autisme et sammensatt syndrom .Glasskulen 10: 24-28.

40: Reichelt KL (1982) Childhood autism: New Perspectives
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- 62: Reichelt KL , Elgjo K and Edminson PD (1987) Isolation and structure of an epidermal mitosis inhibiting pentapeptide. Biochem Biophys Res Comm. 146: 1493-1501.

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