

Karl L. Reichelt

Position: Senior scientist (emeritus), MD, PhD

Curriculum vitae

1. Karl-Ludvig Reichelt Born 28 nov 1933 in Narvik, Norway.
2. Primary education: Mainly as POW in Hong Kong (1941-45), later at Diocesan Boys School, Hong Kong where I won the Arthur and Chen Kai Ming Scholarship to London Univ (never used). Worked my way to Norway as able seaman.
3. Matriculation: Stabekk Komm Gymnas, Stabekk, Norway 1952.
4. Basic Chemistry and advanced chemistry labs, Dept of Chem, Univ Oslo (Kjemi Bifag) 1953.
5. Biochemistry (enzymology) and Physical Chem. Graduate school univ of Kansas at Lawrence, Kansas, USA 1956-57.
6. MD Univ of Oslo 1960. (Laud).
7. Intern in Med and Surgery, Østfold Sentralsykehus, Fredrikstad, Norway 1/6 60 to 30 may 61.
- 8, Intern with District medical Officer, Lødingen, Northern Norway autumn 1961. Completely authorised for medical practice in Scandinavia from jan 62. ECFMG exam for US passed in 61.
9. Military service in the Arctic Brigade all of 1962. Promoted to major in charge of all medical facilities because of initiating various new approaches. Also served three retraining courses of 5 weeks later.) (previous military service 2 months x 3 summer of 53, 54 and 57).
10. Resident Halden Communal Hospital Dept of Med Chief G Larsen MD PhD all of 63.
11. Research Fellow (for the Norwegian Research Council for Sciences and the Humanities) in neurochemistry with prof E Kvamme MD PhD, Dept of Neurochem, Univ of Oslo, The Univ Clinic of Psychiatry, Vinderen. Oslo 1964-1967.
12. Resident in neurochemistry and Clinical Chemistry, Dept of neurochem, The Univ Clinic of Psychiatry, Vinderen 1968-1972.
13. 1972: PhD in neurochemistry Univ of Oslo.
14. 1973-1977 Assistant head at the Dept of neurochem. The Univ Clinic of Psychiatry, Vinderen, Oslo (assisterende overlege) Special responsibility: Drug screening of drug abusers.
15. From Jan 1978 up to the present, Senior researcher (same as tenured professor) at the Dept of pediatric Research at the Childrens Hosp, Univ of Oslo, Rikshospitalet, N 0027, Oslo. We screen all newborns for phenylketonuria and hypothyreosis.
16. 2004: Visiting prof Univ New South Wales, Newcastle, Australia.

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.

Research: 225 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.

Theses advisor for: <.(Norwegian degree) (1 is top grade)

- 1, Cand real : Einar Jebens 1.3: Biochemistry (Masters degree)
2. Cand scient. Ø Poulsen 2.8 Biochemistry (-"-)
- 3.Cand Pharm H Stenmark 1.0 Pharmacology (-"-)
4. Cand Pharm Kummen 1.0 Pharmacology (-"-)
5. Cand scient OS Pedersen 1.7 Physiology (-"-)
6. Cand Psykol. E Nygaard. 1.8 Psychology (-"-)
7. Master of Nutr Science, Univ of Surrey Cand med A K Ljøgdott
8. Cand spes ped K Fosse (master of special education)

PhD equivalent (a bit more extensive)

1. Dr med J Knudtzon.
2. Dr med Ø Skraastad. (Together with prof. K. Elgjo)
3. Dr med H Storm,
4. Dr philos A-M Knivsberg (shared advisory task with Dr T. Høyen, Centre for Reading Res., Rogaland Distriktshøyskole).
5. Dr Philos OS Pedersen.
6. Dr philos Liu Ying:

7. Dr philos W H Reichelt:

Student research:

1. Stud med Nadia Begum Mohammad: Peptidendringer i urinen til schizophrene pasienter: 2007.

Other papers:

Various military matters published in about 20 articles. or chapters in books.

Yearly report for 2011

The role of peptides in brain, behavioural disorders and growth regulation.

Group composition

Bioengineer Dag Tveiten, doing mass spectrometry once weekly with Reichelt.

Analytical engineer: Adrian

K.L Reichelt MD PhD (working on pension) "Group" leader.

Collaborating partner

1: Scan-British Intervention project.: Testing diet intervention using actuarial statistics

Dr D Haracopos, Center for Autisme, København, Danmark

Prof Dr Phil. A-M Knivsberg; Center for Reading Research, Stavanger University

Pharmacist P Shattock obe. The Autism Research unit. Sunderland Univ UK

Psychologist P Whiteley PhD, The Autism Research unit ,Sunderland Univ. UK.

2. Dietary intervention in ADHD (hyperkinesia)

Prof Dr Philos. A-M Knivsberg, Center for Reading Research, Stavanger Univ

Master of Education: Magne Nödland, Stavanger.

Master of Education: K Fosse, Madlavoll skole, Hafrsfjord.

3. Isolation and characterization of the endogenous mammary gland tissue inhibitor standstill due to prof Elfjo's death.

4. Peptides in neurological disease.

Consultant D Jensen MD PhD: Dept of Neurology, OUH, Rikshospitalet

Consultant O Aaserud MD PhD Dept of Neurology, OUH. Rikshospitalet

Consultant T. Holmøy MD, PhD Dept of Neurology, OUH, SIA

Prof O Skjeldal MD, PhD. Child neurology Unit, Barneklubben, South western health establishment

Prof P. Andersen MD PhD. Neurology Dept. Umeå Univ Hosp. Umeå ,Sweden

5. Peptides in autism: Prof DR A Persico ,Laboratory of Molecular psychiatry and Neurogenetics. University "Campus Bio-medico" Roma, Italia.

Dr Nataf,R. Lab Phillipe August, Paris. France

Objectives

To find the structure, effects and origin of peptides found increased in different disorders. Based on the data obtained treatment is implemented on an aetiological basis.

Methods. HPLC and mass spectrometry as well as MS/MS (fragmentation mass spectroscopy, which if identical to synthetic standards is a 100 % secure structure analysis. Cochromatography with spiking is extensively used).

We also measure ; Biopterin , Neopterin with Dr Nataf (HPLC), 8 oxo dexoyguanosine and 8- oxo guanosine by hplc. To arrive at a functional measure of metal ions we use HPLC analysis of porphyrins as the metabolic chain reflects directly the metal interference (collaboration with Nataf).

Dietary intervention is done on a pairwise, randomly assigned basis. The reason for this is that most diagnoses are symptom based and thus of usually heterogeneous aetiology. By matching two and two as similar as possible biochemically and behaviourally, we hope to reduce this to a minimum.

Status of individual projects

1. Scan-British intervention project in autistic syndromes.

The intervention project based on matched rating scale selected, and randomly assigned experimental and control group is run by Autisme Centeret, København., Denmark.(Haracopos and advised by Knivsberg).

Publication (no1) Whiteley P et al (Nutritional neurosci. 13: 87-100).

Publication no 2. Jacobsen J et al. (2011) Morphology and diet in autism. (submitted) (Shows that diet does not cause weight reduction or growth inhibition)

Dietary intervention in ADHD (Hyperkinesia). The first few children have now been on diet for 8 years. Those that have quit are few, and the rest have all been through the 5 years agreed upon time span. The project is now in the writing stage and shall be published asap.. Preliminary conclusions is that the children are doing well (ref 1) and that key peptides in a peptidergic subgroup of ADHD have lost all the major peptide peaks relevant to ADHD. We are now applying Mass spect. to the peptide peaks.

Bekreftelse av våre funn:

A: Prof Buitelar et al, Netherlands has published a paper that support the dietary approach to AD/HD (Lancet (2011) Lancet 372:494-503.

B: Stevens L.J. et al (2010) Clin Pediatr. 50:279 - 293

Our publications on AD/HD

Preliminary Papers published:

1. Nødland M ,Reichelt KL ,Fosse K and Knivsberg A-M. (2001) Casein free diet for 24 children with AD/HD symptom.in '2001:an Autism odyssey' Edit The autism research Unit , Sunderland Univ.UK (IISBN 0-9528498-1-X) pp249-253

2. Reichelt KL, Nødland M,Fosse K and Knivsberg A-M. (2008) AD/HD :Possible diagnosis and treatment .J of Special education and rehabilitation.9 (3-4) 85-95

3: Chalones for mammary gland tissue.

Because we have shown earlier that the inhibitory peptides leak out /is transported out into the medium; we looked for the mammary peptide in ascites and incubation mixture for malignant mammary tissue .The N substituted peptide has a mass spectrometric mass of 507 and synthetic peptide has been synthesized (Bachem,Switzerland) Last testing of biological sample gave a growth inhibition of > 80%.of mammary carcinoma cells. However K Elgjo unfortunately died this year from cancer. The project is looking for new testing group.

List of chalone peptides characterized at the department of pediatric Research, Univ of Oslo, Rikshospitalet

Table 1: ISOLATED CHALONES AND THEIR SEQUENCE.

Epidermale celler: PyroE-E-D-S-GOH and PyroE-GOH

Colon Endotel: PyroE-H-GOH

Hepatocytter: PyroE-Q-S-G-DNH2, PyroE-Q-S-G-DOH,

Pyro-E-E-S-G-DNH2,

PyroE-E-S-G-DOH.

Melanocytter PyroE-F-GNH2

T-Lymfocyt: AcE-S-GNH2

Neuroblaster AcD-Q-Y-GNH2

4: Peptides in Neurological disorders. We have looked at 4 different neurological disorders Rett, MS, ALS and Landau-Kleffner). The first was Rett syndrome.

We have to try to find out which peptides are specific and if there are some common peptide peaks, indicating some common ground in neurodegeneration. Hence several neurodegenerative disorders are examined.

Rett: We found with Prof Skjeldal that 84% had increased peptide levels in Rett. (Solaas et al 2002.). We have also found increase in IgA antibodies to gliadin, gluten and casein (Reichelt & Skjeldal :2006) , but not to lacto-globulin, lact-albumin or ov-albumin. We have furthermore found serious changes in sulphate metabolism (Waring R et al 2006) where the conclusion is that Rett girls are incapable of metabolising cyanide .

Protein also leaks into the urine indicative of membrane deficiencies. (Reichelt et al 2001)

Ref:

1: Solaas MK, Skjeldal O, Gardner MLG, Kase BF and Reichelt KL (2002) Urinary peptides in Rett syndrome. *Autism* 6: 315-328

2: Reichelt KI and Skjeldal O (2006) IgA antibodies in Rett syndrome. *Autism* 10:189-197

3: Waring RM, Naidu S, Skjeldal O, Klovrsz L and Reichelt KL (2006) Sulphur anion metabolism in Rett syndrome patients: A pilot study .*J Pediatric Neurology* 4: 233-238

4: Reichelt KL, Gardner MLG, Waring RM, Naidu S, Knivsberg A-M and Nødland M (2001) Rett syndrome: Urinary peptide, sulphate & immunological abnormalities .in '2001:An autism odyssey' Edit: The autism Research Res cent.Sunderland Univ.UK; pp 245-248.

MS (multiple sclerosis)

Most but not all patients in "Schub", have high levels of peptides which are reduced in remission. However a few remain high also then, and it is well known in MS that progressive brain damage can be seen on NMR in clinically silent parts of the brain. After improvement either spontaneous or after drug intervention the peptide level drops to normal

We find that MS patients have increased IgA antibodies to gliadin ,gluten and some to casein but not transglutaminase or the other dietary proteins The relationship to gluten and gliadin has been confirmed (Shur D B-A et al (2009) Gluten sensitivity in Multiple sclerosis . *Ann. N.Y.Acad. Sci* 1173: 343-349)

Ref.:

1.Reichelt KI and Jensen D (2004) IgA antibodies against gliadin and gluten in multiple sclerosis .*Acta Neurol. Scand* 110: 239-241

2:Jensen D,Brønstad, G., Thiede ,B., Dunstan, H., Lien ,E.B.,Holmøy, T., Reichelt ,K.L. (2010) Hyperpeptiduria in multiple sclørosis . *Curent Trends in Neurology* 4: 57-60

We have analysed 567 urines from neurological and psychotic patients in 2010. (Each run takes 115 min on HPLC reverse phase) We have also run 80 old urines up to 5 years old to check storage effect on quantity and pattern.

General activity

Associate editor:
Autism

Editorial board.

Cancer genomics & proteomics

Anticancer research

Autism Research Review International

Referee activity: 3 for int. journals

Invited Lecturer

1. Lecture on schizophrenia for the parent /psychiatrist team at Holmlia 7 january 2012.
2. Nobel symposium Stockholm 7 may 2012: Peptides and Autism with emphasis on exorphins.
3. Stelior autism meeting Geneve, A series of lectures of 1 h duration. On 2 and 3 june 2012.
 - a: Evidence for a gut to brain connection.
 - b: Schizophrenia as a genetic and dietary disorder.
 - c: Autism aetiology
 - d: Dietary intervention in autism
 - e. Results of 5 and 8 year long dietary treatment of AD/HD
 - f: Peptides, peptidases and depression
 - g: data on Rett syndrome (sulfation defects, peptide increases and antibodies)
4. E.L.N, Utrecht, Nederland. Schizophrenia and exorphins.
- 5 Heidelberg Tagung on autism: Autism and diet.

Publications 2010-2012

211. Sacco,R.,Curatolo,P, Manzi B., Militerni, R., Bravaccio, C., Frolli,A., Lenti ,C., Saccani, M., Elia , M., Reichelt,K.-L., Pascucci,T., Puglisi-Allegra,S.,Persico,A. (2010) Principal Pathogenetic Components and biological endophenotypes in Autism Spectrum disorders. *Autism Res.* 3: 237-252.
212. Whiteley, Paul; Haracopos, Demetrious; Knivsberg, Ann-Mari; Reichelt, Karl Ludvig; Parlar, Sarah; Jacobsen, Judith; Seim, Anders; Pedersen, Lennart; Schondel, Maja; Shattock, Paul(2010)The ScanBrit randomised, controlled, single-blind study of a gluten- and casein-free dietary intervention for children with autism spectrum disorders. *Nutritional Neuroscience* 13 (2), April 2010: 87-100
213. Jensen D, Brønstad G, Thiede B, Dunstan H , Lien EB, Holmøy T and Reichelt KL . (2010) Hyperpeptiduria in Multiple Sclerosis . *Current Trends in neurology* : 4: 57-60
214. Napolioni,V., Lombardi, F., .Sacco,R., Curatolo, P., Manzi, B., Militerni,R, Bravaccio, C., . Lenti, C., .Saccani, M.,Schneider,C., Melmed, R., Pascucci, T., Puglisi-Allegra, S., Reichelt, K.L., R .Rousseau , F., Lewin, P., Persico AM(2011) Family-based association study of ITGB3 in Autism Spectrum Disorder and its endophenotypes. *Eur. J Hum.Genet.* 19: 353-359 ..
215. Reichelt K.L. (2010) Tarm-hjerne forbindelsen mulig og sannsynlig (med hovedvekt på autisme) *PIF-Nytt* 20: 16-18 (+ literturkiste på nett)
216. Nataf,R., Lien,E.B., Engedal , K., Reichelt ,K.L. (2011) Urine deviations in Alzheimer's disease-preliminary observations. *Current Trends in Neurology* 5: 23-29.
217. Reichelt K.L. (2011) Are the Mediators of Autism and Schizophrenia the Same? *International Autism Internet Conference* Organiser: A Feinstein , Wales .. pp 1-15
218. Reichelt,K.L. and Gardner.M.L.G.(2012) Genetic and dietary factors related to schizophrenia- *Open J Pyschiat* 2: 12-20
219. Reichelt,K.L. (2012) Er schizofreni and genetisk og diet betinget sykdom ? *PIF-nytt* -22 (11) 23-26.
220. Tveiten, Dag and Reichelt ,Karl.L (2012) Exorphins in schizoffective psychsis. *Op J Psychiat* 2:220-221
221. Reichelt,K.L., Tveiten ,D., Knivasberg A-M. And Brønstad G.(2012) Peptides role in autism with emphasis on exorphins . *Microbial Ecology in health and disease.* 23: 18958 - <http://dx.doi.org/10.3402/mehd.v23i0.18958>
222. Finvold, A., Tveiten ,D., Knivsberg,A-M ,Brønstad ,G.and Reichelt K.L (2012) Peptides and exorphins in the autism spectrum. *Awares Internet Conferences* (Edit A.Feinstein) pp 1-10
223. Whiteley,P., Shattock,P.,Knivsberg,A.-M-, Seim,A., Reichelt,K.L.,Todd,L.-, Carr,K. and Hooper M.(2013) Gluten- and casein -free dietary intervention for autism spectrum conditions.*Frontiers in Human Neuroscience* /10.3389/fnhum.2912.00334/full 10 pp (in press)
- <http://www.frontiersin.org/> *Frontiers in Human Neuroscience* /10.3389/fnhum.2912.00334
224. Klaveness ,J.,Bigam,J., and Reichelt,K.L (2013) The varied rate of response to dietary intervention in autistic children. *The Open J Psychiatry* . In press (accepted)

Author network for Karl Ludvig Reichelt by COREMINE medical

Publications 2013

Elgjo K, Reichelt KL (2013)

Is there a final common path in malignancies?

Med Hypotheses, 81 (2), 357-60

PubMed [23722002](#)

Whiteley P, Shattock P, Knivsberg AM, Seim A, Reichelt KL, Todd L, Carr K, Hooper M (2013)

Gluten- and casein-free dietary intervention for autism spectrum conditions

Front Hum Neurosci, 6, 344

PubMed [23316152](#)

Publications 2011

Napolioni V, Lombardi F, Sacco R, Curatolo P, Manzi B, Alessandrelli R, Militerni R, Bravaccio C, Lenti C, Sacconi M, Schneider C, Melmed R, Pascucci T, Puglisi-Allegra S, Reichelt KL, Rousseau F, Lewin P, Persico AM (2011)

Family-based association study of ITGB3 in autism spectrum disorder and its endophenotypes

Eur J Hum Genet, 19 (3), 353-9

PubMed [21102624](#)

Publications 2010

Palmieri L, Papaleo V, Porcelli V, Scarcia P, Gaita L, Sacco R, Hager J, Rousseau F, Curatolo P, Manzi B, Militerni R, Bravaccio C, Trillo S, Schneider C, Melmed R, Elia M, Lenti C, Sacconi M, Pascucci T, Puglisi-Allegra S, Reichelt KL, Persico AM (2010)

Altered calcium homeostasis in autism-spectrum disorders: evidence from biochemical and genetic studies of the mitochondrial aspartate/glutamate carrier AGC1

Mol Psychiatry, 15 (1), 38-52

PubMed [18607376](#)

Sacco R, Curatolo P, Manzi B, Militerni R, Bravaccio C, Frolli A, Lenti C, Sacconi M, Elia M, Reichelt KL, Pascucci T, Puglisi-Allegra S, Persico AM (2010)

Principal pathogenetic components and biological endophenotypes in autism spectrum disorders

Autism Res, 3 (5), 237-52

PubMed [20878720](#)

Whiteley P, Haracopos D, Knivsberg AM, Reichelt KL, Parlar S, Jacobsen J, Seim A, Pedersen L, Schondel M, Shattock P (2010)

The ScanBrit randomised, controlled, single-blind study of a gluten- and casein-free dietary intervention for children with autism spectrum disorders

Nutr Neurosci, 13 (2), 87-100

PubMed [20406576](#)

Publications 2009

Lintas C, Sacco R, Garbett K, Mirnics K, Militerni R, Bravaccio C, Curatolo P, Manzi B, Schneider C, Melmed R, Elia M, Pascucci T, Puglisi-Allegra S, Reichelt KL, Persico AM (2009)

Involvement of the PRKCB1 gene in autistic disorder: significant genetic association and reduced neocortical gene expression

Mol Psychiatry, 14 (7), 705-18
PubMed [18317465](#)

Reichelt KL, Knivsberg AM (2009)
The possibility and probability of a gut-to-brain connection in autism
Ann Clin Psychiatry, 21 (4), 205-11
PubMed [19917211](#)

Publications 2008

Evans C, Dunstan RH, Rothkirch T, Roberts TK, **Reichelt KL**, Cosford R, Deed G, Ellis LB, Sparkes DL (2008)
[Altered amino acid excretion in children with autism](#)
Nutr Neurosci, 11 (1), 9-17
PubMed [18510798](#)

Publications 2007

Liu Y, Heiberg T, **Reichelt KL** (2007)
[Towards a possible aetiology for depressions?](#)
Behav Brain Funct, 3, 47
PubMed [17868435](#)

Sacco R, Militerni R, Frolli A, Bravaccio C, Gritti A, Elia M, Curatolo P, Manzi B, Trillo S, Lenti C, Saccani M, Schneider C, Melmed R, **Reichelt KL**, Pascucci T, Puglisi-Allegra S, Persico AM (2007)
[Clinical, morphological, and biochemical correlates of head circumference in autism](#)
Biol Psychiatry, 62 (9), 1038-47
PubMed [17644070](#)

Sacco R, Papaleo V, Hager J, Rousseau F, Moessner R, Militerni R, Bravaccio C, Trillo S, Schneider C, Melmed R, Elia M, Curatolo P, Manzi B, Pascucci T, Puglisi-Allegra S, **Reichelt KL**, Persico AM (2007)
[Case-control and family-based association studies of candidate genes in autistic disorder and its endophenotypes: TPH2 and GLO1](#)
BMC Med Genet, 8, 11
PubMed [17346350](#)

Publications 2006

Reichelt KL, Skjeldal O (2006)
[IgA antibodies in Rett syndrome](#)
Autism, 10 (2), 189-97
PubMed [16613867](#)

Sponheim E, Myhre AM, **Reichelt KL**, Aalen OO (2006)
[\[Urine peptide patterns in children with milder types of autism\]](#)
Tidsskr Nor Laegeforen, 126 (11), 1475-7
PubMed [16732341](#)

Publications 2005

D'Amelio M, Ricci I, Sacco R, Liu X, D'Agruma L, Muscarella LA, Guarnieri V, Militerni R, Bravaccio C, Elia M, Schneider C, Melmed R, Trillo S, Pascucci T, Puglisi-Allegra S, **Reichelt KL**, Macciardi F, Holden JJ, Persico AM (2005)
[Paraoxonase gene variants are associated with autism in North America, but not in Italy: possible regional specificity in gene-environment interactions](#)
Mol Psychiatry, 10 (11), 1006-16
PubMed [16027737](#)

Publications 2004

Conciatori M, Stodgell CJ, Hyman SL, O'Bara M, Militerni R, Bravaccio C, Trillo S, Montecchi F, Schneider C, Melmed R, Elia M, Crawford L, Spence SJ, Muscarella L, Guarnieri V, D'Agruma L, Quattrone A, Zelante

L, Rabinowitz D, Pascucci T, Puglisi-Allegra S, **Reichelt KL**, Rodier PM, Persico AM (2004)
Association between the HOXA1 A218G polymorphism and increased head circumference in patients with autism
Biol Psychiatry, 55 (4), 413-9
PubMed [14960295](#)

Elgjo K, **Reichelt KL** (2004)
Chalones: from aqueous extracts to oligopeptides
Cell Cycle, 3 (9), 1208-11
PubMed [15326370](#)

Persico AM, D'Agruma L, Zelante L, Militerni R, Bravaccio C, Schneider C, Melmed R, Trillo S, Montecchi F, Elia M, Palermo M, Rabinowitz D, Pascucci T, Puglisi-Allegra S, **Reichelt KL**, Muscarella L, Guarnieri V, Melgari JM, Conciatori M, Keller F (2004)
Enhanced APOE2 transmission rates in families with autistic probands
Psychiatr Genet, 14 (2), 73-82
PubMed [15167692](#)

Reichelt KL, Jensen D (2004)
IgA antibodies against gliadin and gluten in multiple sclerosis
Acta Neurol Scand, 110 (4), 239-41
PubMed [15355487](#)

Reichelt WH, De Angelis PM, Knutsen HK, Husøy T, Elgjo K, **Reichelt KL** (2004)
The colon mitosis inhibitor pyroglutamyl-histidyl-glycine inhibits growth of non-tumorigenic colonic epithelial cells
Anticancer Res, 24 (2B), 587-91
PubMed [15160998](#)

Reichelt WH, Iversen JG, Paulsen JE, Elgjo K, **Reichelt KL** (2004)
Pyroglutamyl-histidyl-glycine, the endogenous colon mitosis inhibitor, regulates cyclic AMP level in non-tumorigenic colonic epithelial cells
Anticancer Res, 24 (3a), 1465-8
PubMed [15274311](#)

Publications 2003

Hellzén M, Larsson JO, **Reichelt KL**, Rydelius PA (2003)
Urinary peptide levels in women with eating disorders. A pilot study
Eat Weight Disord, 8 (1), 55-61
PubMed [12762625](#)

Liu Y, Reichelt WH, Luna L, Elgjo K, **Reichelt KL** (2003)
The effects of a growth-inhibiting tripeptide, acetylGlu-Ser-GlyNH₂ (Ac-ESG), on gene expression and cell cycle progression of two lymphoma cell lines
Anticancer Res, 23 (4), 3159-65
PubMed [12926049](#)

Reichelt KL, Knivsberg AM (2003)
Can the pathophysiology of autism be explained by the nature of the discovered urine peptides?
Nutr Neurosci, 6 (1), 19-28
PubMed [12608733](#)

Reichelt WH, Yndestad A, Wright MS, Elgjo K, Haug T, **Reichelt KL** (2003)
The colon mitosis-inhibitor pyroglutamyl-histidyl-glycine alters expression of immediate-early cancer-related genes in HT-29 cells
Anticancer Res, 23 (2B), 1229-34
PubMed [12820376](#)

Publications 2002

Knivsberg AM, Reichelt KL, Høyen T, Nødland M (2002)
[A randomised, controlled study of dietary intervention in autistic syndromes](#)
Nutr Neurosci, 5 (4), 251-61
PubMed [12168688](#)

Lindenskov PH, Paulsen JE, Reichelt KL, Elgjo K (2002)
Endogenous tetrapeptide from neuroblastoma and new-born pig brain inhibits neuroblastoma cell growth in vitro
Anticancer Res, 22 (5), 2847-51
PubMed [12530008](#)

Persico AM, Pascucci T, Puglisi-Allegra S, Militerni R, Bravaccio C, Schneider C, Melmed R, Trillo S, Montecchi F, Palermo M, Rabinowitz D, Reichelt KL, Conciatori M, Marino R, Keller F (2002)
[Serotonin transporter gene promoter variants do not explain the hyperserotonemia in autistic children](#)
Mol Psychiatry, 7 (7), 795-800
PubMed [12192626](#)

Reichelt WH, Liu Y, Luna L, Elgjo K, Reichelt KL (2002)
Early oncogene mRNA expression in HT-29 cells treated with the endogenous colon mitosis inhibitor pyroglutamyl-histidyl-glycine
Anticancer Res, 22 (2A), 991-6
PubMed [12014683](#)

Solaas KM, Skjeldal O, Gardner ML, Kase FB, Reichelt KL (2002)
[Urinary peptides in Rett syndrome](#)
Autism, 6 (3), 315-28
PubMed [12212921](#)

Publications 2001

Ballard C, O'Brien J, James I, Mynt P, Lana M, Potkins D, Reichelt K, Lee L, Swann A, Fossey J (2001)
Quality of life for people with dementia living in residential and nursing home care: the impact of performance on activities of daily living, behavioral and psychological symptoms, language skills, and psychotropic drugs
Int Psychogeriatr, 13 (1), 93-106
PubMed [11352339](#)

Ballard CG, Margallo-Lana M, Fossey J, Reichelt K, Myint P, Potkins D, O'Brien J (2001)
A 1-year follow-up study of behavioral and psychological symptoms in dementia among people in care environments
J Clin Psychiatry, 62 (8), 631-6
PubMed [11561936](#)

Knivsber AM, Reichelt KL, Nødland M (2001)
Reports on dietary intervention in autistic disorders
Nutr Neurosci, 4 (1), 25-37
PubMed [11842874](#)

Liu Y, Reichelt KL (2001)
A serotonin uptake-stimulating tetra-peptide found in urines from ADHD children
World J Biol Psychiatry, 2 (3), 144-8
PubMed [12587197](#)

Margallo-Lana M, Reichelt K, Hayes P, Lee L, Fossey J, O'Brien J, Ballard C (2001)
Longitudinal comparison of depression, coping, and turnover among NHS and private sector staff caring for people with dementia
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