

1. Reiber H (1970). Untersuchungen zur Pathogenese des Favismus. Diplomarbeit, Physiol-Chem Institut, Fachbereich Chemie, Universität Tübingen.
2. Flohe L, Niebch G und Reiber H (1971). Zur Wirkung von Divicin in menschlichen Erythrozyten. *J Clin Chem Clin Biochem* 9:431-437.
3. Reiber H (1972). Photochemical reactions of Vitamin B-6 compounds, isolation and properties of products. *Biochim Biophys Acta* 279:310-315.
4. Reiber H (1974). Vitamin B-6 katalysierte  $\alpha$ ,  $\beta$ -Eliminierung im Modell und Enzymsystem. Dissertation in der Naturwissenschaftlichen Fakultät der Universität zu Braunschweig.
5. Reiber H (1976). Vitamin B-6 catalysed  $\beta$ -elimination of serine and O-phosphoserine. Qualitative and quantitative aspects of catalytic influences at the rate limiting step, a comparison with the rate of enzymatic  $\beta$ -elimination. *Biochim Biophys Acta* 444:734-755.
6. Reiber H (1978). Cholesterol/lipid interactions in membranes. The saturation concentration of cholesterol in bilayers of various lipids. *Biochim Biophys Acta* 512:72-83.
7. Reiber H and Waehnelndt TV (1978). Biochemical characterization of myelin subfractions obtained from ox brain stem by zonal centrifugation. *Neurosci Lett* 8:177-181.
8. Reiber H (1979). Quantitative Bestimmung der lokal im Zentralnervensystem synthetisierten Immunglobulin G-Fractionen des Liquors. *J Clin Chem Clin Biochem* 17:587-591.
9. Reiber H and Voss W (1980). The activity of a cholesterolester hydrolase in human cerebrospinal fluid. In: *Progr in Multiple Sclerosis Research*. Bauer HJ, Poser S and Ritter G (eds). Springer Verlag, Heidelberg, p 174-175.
10. Reiber H and Voss W (1980). Cholesterolester hydrolase activity in human cerebrospinal fluid. *J Neurochem* 34:1324-1326.
11. Reiber H (1980). Evaluation of IgG-synthesis in the central nervous system. In: *Progress in Multiple Sclerosis Research*. Bauer HJ, Poser S and Ritter G (eds). Springer Verlag, Heidelberg, p 154-156.
12. Kohlschütter A, Reiber H and Bauer HJ (1980). Myelin basic protein in cerebrospinal fluid as an indicator of MS process activity. In: *Progress in Multiple Sclerosis Research*. Bauer HJ, Poser S and Ritter G (eds). Springer Verlag, Heidelberg, p 168-169.
13. Reiber H (1980). Eine aktuelle Darstellung des Liquorproteinprofils zur Differentialdiagnose von Schrankenfunktionsstörungen und entzündlichen Prozessen des Zentralnervensystems. *Aktuelle Neurologie* 7:127-134.
14. Reiber H (1980). The discrimination between different blood-CSF barrier dysfunctions and inflammatory reactions of the CNS by a recent evaluation graph for the protein profile of CSF. *J Neurol* 224:89-99.
15. Reiber H (1980). Eine schnelle und einfache nephelometrische Bestimmungsmethode für Protein im Liquor cerebrospinalis. *J Clin Chem Clin Biochem* 18:123-127.
16. Dalloul S und Reiber H (1980). Empfindliche Bestimmung der  $\alpha_2$ - Makroglobulin-Konzentration in der Cerebrospinalflüssigkeit. *Beckmann-Report*, 10:3.
17. Schipper HI, Reiber H und Bauer HJ (1982). Oligoklonales IgG im Liquor von MS-Patienten. In: *Multiple Sklerosis*. Taskos NA (ed), Proc IV South East Eur Neuropsychiatr Conf, Vol III, University Studio Press, Thessaloniki, pp 59-68.
18. Kruse H, Reiber H und Schipper HI (1982). Bestimmung oligoklonaler IgG-Subfraktionen in Liquor und Serum. Technik und diagnostische Bedeutung. LKB Instruments, München, Application Note.
19. Reiber H (1982). Ein neues physikalisch-chemisches Prinzip zur Bestimmung von Protein-Konzentrationen in biologischen Proben. *Fresenius Z Anal Chem* 311:374-375.

20. Sauerbrey R and Reiber H (1982). Analysis of thiopental in serum and cerebrospinal fluid by HPLC. *Fresenius Z Anal Chem* 331:412.
21. Quentin CD und Reiber H (1982). Kammerwasser-Protein-Konzentration beim Melanom der Aderhaut. *Fortschr Ophthalmol* 79:199-201.
22. Quentin CD und Reiber H (1983). IgG-Kammerwasser-Konzentration und oligoklonales IgG bei intraokularen Entzündungen. *Fortschr Ophthalmol* 80:426-428.
23. Reiber H (1983). Kinetics of protein agglomeration. A nephelometric method for the determination of total protein in biological samples. *J Biochem Biophys Meth* 7:153-160.
24. Reiber H (1983). Liquordiagnostik-Grundprogramm. *MTA-Journal* 5:430-436.
25. Reiber H and Schunk O (1983). Suboccipital puncture of guinea pigs. *Laboratory Animals* 17:25-27.
26. Reiber H and Thiele P (1983). Species-dependent variables in blood cerebrospinal fluid barrier function for proteins. *J Clin Chem Clin Biochem* 21:199-202.
27. Reiber H, Suckling AJ, Schipper HI, Kirby AJ, Thiele P and Rumsby MG (1983). Blood-cerebrospinal fluid barrier dysfunction and humoral immune response in chronic relapsing EAE: Comparison with multiple sclerosis. In: *Actual Proteins in Multiple Sclerosis Research*. Pedersen E, Clausen J and Oades L (eds). Fadl's Forlag, Kobenhavn, pp 348-351.
28. Suckling AJ, Reiber H, Kirby JA and Rumsby MG (1983). Chronic relapsing experimental allergic encephalomyelitis: Immunological and blood-cerebrospinal fluid barrier-dependent changes in the cerebrospinal fluid. *J Neuroimmunol* 4:35-45.
29. Reiber H, Suckling AJ and Rumsby MG (1984). The effect of Freund's adjuvant on blood-cerebrospinal fluid barrier permeability. *J Neurol Sci* 63:55-61.
30. Reiber H (1984). Pathobiochemische Prozesse bei entzündlichen Erkrankungen des Zentralnervensystems und deren Nachweis in der Cerebrospinalflüssigkeit. In: *Pathobiochemie der Entzündung*. Lang K und Greiling H (Hrsg). Springer-Verlag Heidelberg, pp 153-175.
31. Suckling AJ and Reiber H (1984). Cerebrospinal fluid sampling from guinea pigs: Sample volume-related changes in protein concentration in control animals and animals in the relapsing phase of chronic relapsing experimental allergic encephalomyelitis. *Lab Anim* 18:36-39.
32. Suckling AJ, Reiber H, Kirby JA and Rumsby MG (1984). Blood-cerebrospinal fluid barrier permeability changes in guinea pigs inoculated for chronic relapsing experimental allergic encephalomyelitis or with adjuvant alone. In: *Experimental allergic encephalomyelitis: A useful model for multiple sclerosis*. Alvord EC, Kies MW and Suckling AJ (eds). AR Liss Inc, NY, pp 75-80 (*Prog Clin Biol Res* 1984;146:75-80).
33. Schipper HI and Reiber H (1984). Liquorproteinprofil und oligoklonales IgG. In: *Akut entzündliche Erkrankungen des Zentralnervensystems und seiner Hüllen*. Gänshirt H, Haak G und Berlit P (Hrsg). Perimed-Verlag, Erlangen, pp 206-210.
34. Schipper HI, Kruse H, Reiber H (1984). Silver-staining of oligoclonal IgG subfractions in cerebrospinal fluid after isoelectric focusing in thin-layer polyacrylamide gels. *Science Tools* 31:5-6.
35. Tourtellotte WW, Ingram TJ, Shapshak P, Staugaitis SM and Reiber H (1984). Correlation of multiple sclerosis IgG fractionated by capillary isotachopheresis (ITP) and by isoelectric focusing polyacrylamide gel electrophoresis. In: *Experimental allergic encephalomyelitis: A useful model for multiple sclerosis*. Alvord EC, Kies MW and Suckling AJ (eds). AR Liss Inc, NY, pp 379-384.
36. Felgenhauer K, Nekic M, Jacobi C, Reiber H und Frowein RA (1984). Tumormarker im Liquor cerebrospinalis. *Aktuelle Onkologie* 13:107-117.
37. Reiber H (1984). Pathobiochemische Prozesse bei entzündlichen demyelinisierenden Erkrankungen des Zentralnervensystems und deren Nachweis in der Cerebrospinalflüssigkeit. Habilitationsschrift. Fachbereich Medizin der Georg-August-Universität Göttingen, 230S.

38. Kruse T, Reiber H and Neuhoff V (1985). Amino acid transport across the human blood-CSF barrier. An evaluation graph for amino acid concentrations in cerebrospinal fluid. *J Neurol Sci* 70:129-138.
39. Staugaitis SM, Shapshak P, Tourtellotte WW, Lee MM, Reiber H (1985). Isoelectric focusing of unconcentrated cerebrospinal fluid: Applications to ultrasensitive analysis of oligoclonal immunoglobulin G. *Electrophoresis* 6:287-291.
40. Reiber H (1986). Evaluation of blood-CSF barrier dysfunctions in neurological diseases. In: *The blood-brain barrier in health and disease*. Suckling AJ, Rumsby MG and Bradbury MWB (eds). Ellis Horwood, Chichester, UK, pp 132-146.
41. Suckling AJ, Reiber H and Rumsby MG (1986). The blood-CSF barrier in chronic relapsing experimental allergic encephalomyelitis. In: *The blood-brain barrier in health and disease*. Suckling AJ, Rumsby MG and Bradbury MWB (eds). Ellis Horwood, Chichester, UK, pp. 147-157.
42. Reiber H, Jacobi C and Felgenhauer K (1986). Sensitive quantitation of carcinoembryonic antigen in cerebrospinal fluid and its barrier-dependent differentiation. *Clin Chim Acta* 156:259-269.
43. Reiber H, Suckling AJ (1986). Cyclosporin A treatment of experimental allergic encephalomyelitis: Changes in neuroimmunological regulations and blood-CSF barrier function. *J Neuroimmunol* 12:121-130.
44. Jacobi C, Reiber H and Felgenhauer K (1986). The clinical relevance of the locally produced carcinoembryonic antigen in cerebrospinal fluid. *J Neurol* 233:358-361.
45. Suckling AJ, Baron PW and Reiber H (1986). Chronic relapsing allergic encephalomyelitis. Cyclosporin A treatment of relapsing and remitting disease. *J Clin Lab Immunol* 21:173-176.
46. Reiber H, Link M, Kitze B and Wagner R (1987). Increased chemiluminescence of stimulated monocytes during an acute immune reaction in guinea pigs. In: *Bioluminescence and Chemiluminescence. New Perspectives*. J Schölmerich, R Andreesen, A Kapp, M Ernst and WB Wood (eds). J Wiley & Sons, Chichester, UK, pp 89-93.
47. Lütgens M, Reiber H and Schramm I (1987). The iodine luminol reaction. An improved iodine assay and the characterization of the reaction products. In: *Bioluminescence and Chemiluminescence. New Perspectives*. J Schölmerich, R Andreesen, A Kapp, M Ernst and WB Wood (eds). J Wiley & Sons, Chichester, UK, pp 571-574.
48. Reiber H and Felgenhauer K (1987). Protein gradients in normal and pathological blood-CSF functions. *Wiss Z der Karl-Marx-Univ Math Nat. Reihe* 36:1/100-103.
49. Reiber H and Felgenhauer K (1987). Protein transfer at the blood-CSF barrier and the quantitation of the humoral immune response within the central nervous system. *Clin Chim Acta* 163:319-328.
50. Reiber H (1987). Liquordiagnostik. *Diagnose und Labor* 37:63-72.
51. Reiber H (1988). Aktuelle Methoden der Liquoranalytik. *Lab med* 12:101-109.
52. Reiber H (1988). Untersuchungen des Liquors zur Diagnose neurologischer Erkrankungen. In: *Die Labordiagnostik von Erkrankungen des Nervensystems*. M Holzgraefe, H. Reiber, K Felgenhauer (Hrsg). Perimed-Verlag, Erlangen, pp 35-50.
53. Holzgraefe M, Reiber H, Felgenhauer K (Hrsg) (1988). *Die Labordiagnostik von Erkrankungen des Nervensystems*. Perimed-Verlag, Erlangen.
54. Jacobi C and Reiber H (1988). Clinical relevance of increased neuron-specific enolase concentration in cerebrospinal fluid. *Clin Chim Acta* 177:49-54.
55. Reiber H, Kitze B, Link M, Wagner R (1988). Cellular immune reactions and blood-cerebrospinal fluid barrier dysfunction in guinea pigs. *Neurochem Res* 13:463-466.
56. Reiber H (1989). Die räumlich und zeitlich diskontinuierliche Entmarkung als fokaler autokatalytischer Prozeß. In: *Aktuelle Aspekte der Multiplen Sklerose*.

- Symposium der Arbeitsgruppe MS in Rostock. Wilhelm-Pieck-Universität, pp 14-21.
57. Reiber H (1989). Der Beitrag der Liquor-Diagnostik zum Ausschluß oder Bestätigung der Encephalitis disseminata (MS). In: Aktuelle Aspekte der Multiplen Sklerose. Symposium der Arbeitsgruppe MS in Rostock. Wilhelm-Pieck-Universität, pp 104-107.
  58. Reiber H (1989). Discrimination between different types of low-level luminescence in mammalian cells: The biophysical radiation. *J Biolumin Chemilumin* 4:245-248.
  59. Reiber H (1990). Low-level luminescence from disintegrated brain cells. Subcellular distribution and kinetics of the biophysical radiation. In: *Biological Luminescence*. Jezowska-Trzebiatowska, B Kochel, J Slawinski, W Strek (eds). World Scientific Publ, Inc, Singapore, pp 224-233.
  60. Reiber H and Uhr M (1991). Photon emission from brain cells: Subcellular localization, non-enzymatic reactants and kinetics. In: *Bioluminescence and Chemiluminescence*. PE Stanley and LJ Kricka (eds). J Wiley & Sons, p 215-218.
  61. Uhr M and Reiber H (1991). Characterization of ascorbic acid an endogenous reactant of non-enzymatic chemiluminescence from brain cells. In: *Bioluminescence and Chemiluminescence*. PE Stanley and LJ Kricka (eds). J Wiley & Sons, p 305-308.
  62. Reiber H and Lange P (1991). Virus-spezifische Antikörper in Liquor und Serum. ELISA-Analytik und Auswertung mittels Antikörper-Index und Quotientendiagramm. *Lab med* 15:204-207.
  63. Reiber H and Lange P (1991). Quantification of Virus-Specific Antibodies in Cerebrospinal Fluid and Serum: Sensitive and Specific Detection of Antibody Synthesis in Brain. *Clin Chem* 37:1153-1160.
  64. Carlsson J, Armstrong VW, Reiber H, Felgenhauer K, Seidel D (1991). Clinical relevance of the quantification of apolipoprotein E in cerebrospinal fluid. *Clin Chim Acta* 196:167-176.
  65. Reiber H (1991). Liquorproteindiagnostik. In: *Proteindiagnostik*. L Thomas, A Fateh-Moghadam, WG Guder, W Hoffmann, H Reiber, M Lammers (Hrsg). Behringwerke AG, Frankfurt, pp 140-167.
  66. Reiber H (1991). Die Behinderung des Liquorflusses als Ursache der pathologischen Proteinkonzentration im Liquor. In: *Infektionskrankheiten des Nervensystems*. G Huffmann, H-J Braune (Hrsg). Einhorn-Press Verlag Reinbek, p 25-31.
  67. Felgenhauer K and Reiber H (1992). The diagnostic significance of antibody specificity indices in multiple sclerosis and herpes virus induced diseases of the nervous system. *The clinical Investigator*, 70:28-37.
  68. Reiber H (1993). Decreased flow of cerebrospinal fluid (CSF) as origin of the pathological increase of protein concentration in CSF. In: *CNS Barriers and Modern CSF Diagnostics*. K Felgenhauer, M Holzgraefe, HW Prange (eds). Verlag Chemie, Weinheim, pp 305-317.
  69. Schaarschmidt HE, Prange HW, Reiber H (1993). Serial Plasma Analyses of Neuron-Specific Enolase: A Diagnostic and Prognostic Parameter in Cerebral Damage. In: *CNS Barriers and Modern CSF Diagnostics*. K Felgenhauer, M Holzgraefe, HW Prange (eds). Verlag Chemie, Weinheim, pp 434-438.
  70. Reiber H, Ruff M, Uhr M (1993). Ascorbate Concentration in Human Cerebrospinal Fluid (CSF) and Serum. Intrathecal Accumulation and CSF flow rate. *Clin Chim Acta* 217:163-173.
  71. Reiber H, Martens U, Prall F, Uhr M (1994). Relevance of endogenous ascorbate and tocopherol for brain cell vitality indicated by photon emission. *J Neurochem* 62:608-614.
  72. Schaarschmidt H, Prange H, Reiber H (1994). Neuron-specific enolase concentrations in blood as a prognostic parameter in cerebrovascular diseases. *Stroke* 24:558-565.
  73. Reiber H, Frauendorf-Schaarschmidt H (1994). NSE as a useful prognostic factor for patients after cerebral hypoxia. In: *Evaluation Report Cobas Core NSE EIA*, Hoffmann-La Roche (ed). Basel, pp 8-22.

74. Andersson M, Alvarez-Cermeño J, Bernardi G, Cogato I, Fredman P, Frederiksen J, Fredrikson S, Gallo P, Grimaldi LM, Gronning M, Keir G, Lamers K, Link H, Magalhaes A, Massaro AR, Öhman S, Reiber H, Rönnbäck L, Schlupe M, Schuller E, Sindic CJM, Thompson EJ, Trojano M, Wurster U (1994). Cerebrospinal Fluid in the Diagnosis of Multiple Sclerosis: A Consensus Report. *J Neurol Neurosurg Psychiatr* 57:897-902.
75. Graef IT, Henze T und Reiber H (1994). Polyspezifische Immunreaktion im ZNS bei Auto-immunerkrankungen mit ZNS-Beteiligung. *Zeitschrift für ärztl Fortbildung* 88:587-591.
76. Reiber H (1994). Flow rate of cerebrospinal fluid (CSF)- a concept common to normal blood-CSF barrier function and to dysfunction in neurological diseases. *J Neurol Sci* 122:189-203.
77. Reiber H (1994). The hyperbolic function: a mathematical solution of the protein flux/CSF flow model for blood-CSF barrier function *J Neurol Sci* 126:243-245.
78. Reiber H (1994). Verfrühte Jubelrufe. Konsequenzen des statischen Genbegriffs für die Medizin. *Politische Ökologie* 35:50-52.
79. Conrad AJ, Chiang EY, Andeen LE, Avolio C, Walker SM, Baumhefner RW, et al. Quantitation of intrathecal measles virus IgG antibody synthesis rate: Subacute sclerosing panencephalitis and multiple sclerosis. *J Neuroimmunol* 1994;54:99-108.
80. Reiber H (1994). Das gesunde Chaos. Gene und Dynamik der Selbstorganisation. *Zeitschrift der Fachschaft Medizin, Freiburg, Appendix* 4:10-13.
81. Reiber H, Heitmann S. (1994) Polyspecific immune response in brain persistence of antigen or network memory. *J Neuroimmunol*, 54:191
82. Reiber H (1995). External quality assessment in clinical neurochemistry: Survey of analysis for cerebrospinal fluid (CSF) proteins based on CSF/serum quotients. *Clin Chem* 41:256-263.
83. Tumani H, Nölker G, and Reiber H (1995). Relevance of cerebrospinal fluid parameters for early diagnosis in neuroborreliosis. *Neurology* 45:1663-1670.
84. Prange HW, Aue G, Frauendorf H, Reiber H (1995). Die neuronenspezifische Enolase als Prognosemarker bei zerebraler Hypoxie. *Intensivmed* 32:17-22.
85. Reiber H (1995). Die diagnostische Bedeutung neuroimmunologischer Reaktionsmuster im Liquor cerebrospinalis. *Lab med* 19:444-462.
86. Reiber H (1995). Biophysics of protein diffusion from blood into CSF: The modulation by CSF flow rate. In: *New concepts of a blood-brain barrier*. J Greenwood, D. Begley and M. Segal (eds). Plenum Press Comp Ldn, pp 219-227.
87. Puccioni-Sohler M, Kitze B, Felgenhauer K, Graef IT, Lange P, Novis S, Reiber H, Vaz B (1995). The value of CSF analysis for the differential diagnosis of HTLV-1 associated myelopathy and multiple sclerosis. *Arq Neuropsychiatr* 53:760-765.
88. Reiber H, Davey B (1996). Desert-storm-syndrome and immunization. *Arch Internal Med* 156:217.
89. Reiber H (1996). Cooperative nerve cell assembly, cooperative molecular domain and cooperative modes of quantum ordered states - the trace of memory formation in brain. In: *Göttingen Neurobiology Report 1996*. N Elsner and HU Schnitzler (eds). Georg Thieme Verlag Stuttgart, New York, p 803.
90. Reiber H (1996). Evaluation of blood-CSF barrier function and quantification of the humoral immune response within the CNS. In: *CSF analysis in multiple sclerosis*. EJ Thompson, M Trojano and P Livrea (eds). Springer-Verlag Milano, pp 51-72.
91. Gharavi AE, Reiber H (1996). Affinity and avidity of autoantibodies. In: *Autoantibodies*. JB Peter and Y Schoenfeld (eds). Elsevier Science BV, pp 13-23.
92. Reiber H, (1997) CSF Flow – Its influence on CSF concentrations of brain-derived and blood-derived proteins. In: *Teelken A, Korf J (eds) Neurochemistry*, Plenum Press NY, pp 423-432.

93. Korenke GC, Reiber H, Hunnemann DH, Hanefeld F. (1997). Intrathecal IgA synthesis in X-linked cerebral adrenoleukodystrophy. *J Child Neurol* 12(5):314-320.
94. Quentin CD, Reiber H (1997). Kammerwasseranalytik bei intraokularer Toxoplasmose. *Ophthalmologe*, Springer-Verlag 94:728-731.
95. Lewczuk P, Reiber H, and Ehrenreich H (1998). Prothrombin in normal human cerebrospinal fluid originates from blood. *Neurochem Research* 23(8):1027-1030.
96. Reiber H (1998). Cerebrospinal fluid - physiology, analysis and interpretation of protein patterns for diagnosis of neurological diseases. *Multiple Sclerosis* 4:99-107.
97. Reiber H, Ungefehr St, Jacobi Chr (1998). The intrathecal, polyspecific and oligoclonal immune response in multiple sclerosis. *Multiple Sclerosis* 4:111-117.
98. Nau R, Lantsch M, Stiefel M, Polak T, Reiber H (1998). Varicella zoster virus-associated focal vasculitis without herpes zoster: recovery after treatment with acyclovir. *Neurology* 51:914-915.
99. Tumani H, Reiber H, Nau R, Prange HW, Kauffmann K, Mäder M, Felgenhauer K (1998). Beta-trace protein concentration in cerebrospinal fluid is decreased in patients with bacterial meningitis. *Neuroscience Letters* 242:5-8.
100. Reiber H (1998). Die Entstehung von Form und Krankheit. Selbstorganisation oder genetisches Programm – zwei Paradigmen im Widerstreit. In: Engels, Junker & Weingarten (Hrsg). *Ethik der Biowissenschaften*. Verlag für Wissenschaft und Bildung, Berlin, S. 393-410.
101. Reiber H (1998). Die Entstehung von Form und Krankheit. Genetisches Programm oder Selbstorganisation? – zwei Paradigmen im Widerstreit. In: Dally A (Hrg) *Was wissen Biologen schon vom Leben? – die biologische Wissenschaft nach der molekular-genetischen Revolution*. Loccumer Protokolle 14/97, S. 197-220.
102. Dorta AJ, Reiber H (1998). Intrathecal synthesis of immunoglobulins in eosinophilic meningoencephalitis due to *Angiostrongylus cantonensis*. *Clin Diagn Lab Immunol* 5:452-455.
103. Lewczuk P, Reiber H and Tumani H (1998). Intercellular adhesion molecule-1 (sICAM-1) in cerebrospinal fluid - the evaluation of blood-derived and brain-derived fractions in neurological diseases. *J Neuroimmunol* 87:156-161.
104. Dorta-Contreras AJ, Reiber H, Agüero-Valdés E, Interián-Morales MT, Mechulam-Cohen A, Noris-García E (1998). Proteína beta traza en líquido cefalorraquídeo y suero en meningoencefalitis. *Rev Neurol* 26:386-388; (Beta trace protein in the cerebrospinal fluid and serum in meningoencephalitis).
105. Dorta-Contreras AJ, Martínez-Torres E, Dotres-Martínez C y Reiber H (1998). Nuevos hallazgos en líquido cefalorraquídeo en pacientes pediátricos con neuropatía epidémica cubana. *Rev Esp Pediatr* 54:213-216.
106. Dorta-Contreras AJ, Tabio-Valdes E, Tabio-Valdes A, Delgado-Fernandez C, Reiber H (1998). Non increased neuron-specific enolase concentration in cerebrospinal fluid during first febrile seizures and a year follow-up in pediatric patients. *Arq Neuropsiquiatr* 56:540-544.
107. Reiber H (1999). Liquordiagnostik. In: *Klinische Neurologie*. P Berlit (ed). Springer Verlag, Heidelberg, pp 148-177.
108. Lewczuk P, Wiltfang J, Lange M, Jahn H, Reiber H, Ehrenreich H (2000). Prothrombin concentration in the cerebrospinal fluid is not altered in Alzheimer's disease. *Neurochem Res* 24:1531-1534.
109. Dorta-Contreras AJ, Reiber H, Agüero-Valdés E, Escobar-Pérez X, Ferrá-Valdés M (1999).  $\beta$ -trace protein in pediatric patients with Cuban epidemic neuropathy and Cuban children without neuropathies. *Alz Dis Rev* 4:10-12.
110. Lewczuk P, Reiber H, Korenke GC, Bollensen E, Dorta-Contreras AJ (2000). Intrathecal release of sICAM-1 into CSF in neuroborreliosis – increased brain-derived fraction. *J Neuroimmunol* 103:93-96.
111. Dorta-Contreras AJ, Reiber H, Lewczuk P, Noris-García E, Escobar Pérez X, Bu-Coiffiú-Fanego R, Interián-Morales MT (2000). Patrones de síntesis de inmunoglobulinas en pacientes pediátricos con meningoencefalitis por Cocksackie

- A<sub>9</sub> durante la epidemia de neuropatía en Cuba. *Rev Neurol* 30:716-718. (Patterns of immunoglobulin synthesis in pediatric patients with Coxsackie A with meningoencephalitis during the neuropathy epidemic in Cuba). *Rev Neurol* 30(8):716-718.
112. Shaw P, Reiber H and Brennan Chr (2000). European cerebrospinal fluid Consensus Group – a TeamRoom (Lotus Notes)-based communication network. *Clin Chem Lab Med* 38(8):747-751.
  113. Reiber H (2001). Grundlagen der Liquoranalytik mit Fallbeispielen neurologischer Erkrankungen. Beckman Coulter, Krefeld, CD-ROM.
  114. Reiber H and Peter JB (2001). Cerebrospinal fluid analysis – disease-related data patterns and evaluation programs. *J Neurol Sci* 184:101-122.
  115. Süssmuth SD, Reiber H, Tumani H (2001). Tau protein in cerebrospinal fluid (CSF): a blood-CSF barrier related evaluation in patients with various neurological diseases. *Neurosci Lett* 2001;300:95-98.
  116. Reiber H, Otto M, Trendelenburg Chr and Wormek A (2001). Reporting cerebrospinal fluid data – knowledge base and interpretation software. *Clin Chem Lab Med*, 39:324-332.
  117. Reiber H (2001). Dynamics of brain-derived proteins in cerebrospinal fluid. *Clin Chim Acta* 310:173-186.
  118. Lewczuk P and Reiber H (2001). sICAM-1 in human cerebrospinal fluid in health and disease. *Recent Res Devel Neurochem* 2001;4:81-88.
  119. Robinson-Agramonte M, Reiber H, Dorta-Contreras AJ, Hernández-Díaz (2001). Respuesta inmune intratecal oligoclonal y poliespecífica en las esclerosis múltiple. *Rev Neurol* 33(9):809-811.
  120. Kluge H, Linke E, Reiber H, Zimmermann K (2001). Das aktuelle Liquor-Labor – Methoden, Evaluation und klinische Relevanz neuer und alter Analysen-Parameter. *J Lab Med* 25(3/4):135-149.
  121. Reiber H und Bitsch A (2002). Klinische Neurochemie. In: Notfallbuch Neurologie – Vom Syndrom zur Therapie (Prange H, Bitsch A Hrsg). Wissenschaftliche Verlagsgesellschaft mgH Stuttgart, S. 8-18.
  122. Reiber H (2002). Referenzwerte im Liquor. In: Notfallbuch Neurologie – Vom Syndrom zur Therapie, Prange H, Bitsch A (Hrsg). Wissenschaftliche Verlagsgesellschaft mbH, Stuttgart, S.468-469.
  123. Reiber H (2002). Liquordiagnostik – Empfehlungen zur Sicherung des Qualitätsstandards für die Diagnose neurologischer Erkrankungen. *Dade Behring News* 2:36-37.
  124. Dorta-Contreras AJ, Reiber H, Magraner-Tarrau ME, Weissbrich B, Interián-Morales MT, Noris-García E, Escobar-Pérez X, González-Hernández T (2002). Valor neuroinmunoepidemiológico del reibergrama en la primera epidemia de meningoencefalitis por echovirus 16 en Cuba. *Rev Neurol* 35:517-520.
  125. Dorta-Contreras AJ, Reiber H, Magraner-Tarrau ME, Weissbrich B, Interián-Morales MT, Noris-García E, Escobar-Perex X, Gonzalez-Mujica IO (2002). Intrathecal synthesis pattern of immunoglobulins in meningoencephalitis epidemic due to echovirus 9. *Rev Neurol* 35:904-907.
  126. Reiber H, Thompson EJ, Grimsley G, Bernardi G, Adam P, Almeida SM, Fredman P, Keir G, Lammers M, Liblau R, Menna-Barreto M, Sá MJ, Seres E, Sindic CJM, Teelken A, Trendelenburg C, Trojano M, van Antwerpen MP, Verbeek MM (2003). Quality Assurance for Cerebrospinal Fluid Protein Analysis: International Consensus by an Internet-Based Group Discussion. *Clin Chem Lab Med* 41:331-337.

127. Lejon V, Reiber H, Legros D, Djé N, Magnus E, Wouters I, Sindic CJM, Büscher Ph (2003). Intrathecal immune response pattern for improved diagnosis of central nervous system involvement in trypanosomiasis. *Journal of Infectious Diseases (JID)*, 2003;187:1475-1483.
128. Reiber H (2003). Blut-Liquor Schrankenfunktion und Liquorfluß. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. Walter de Gruyter & Co, Berlin, S. 58-74.
129. Reiber H (2003). Quantitative Proteinanalytik, Quotientendiagramme und krankheitsbezogene Datenmuster. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. Walter de Gruyter & Co, Berlin, S. 177-200.
130. Reiber H (2003). Erregerspezifische Antikörper. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. Walter de Gruyter & Co, Berlin, S. 200-207.
131. Reiber H (2003). Qualitätskontrolle für Proteinanalytik. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. Walter de Gruyter & Co, Berlin, S. 377-381.
132. Reiber H (2003). Proteins in cerebrospinal fluid and blood: Barriers, CSF flow rate and source-related dynamics. *Restorative Neurology and Neuroscience* 21:79-96.
133. Rostasy K, Reiber H, Pohl D, Lange P, Ohlenbusch A, Eiffert H, Maass M, Hanefeld F. (2003). Chlamydia pneumoniae in children with MS: Frequency and quantity of intrathecal antibodies. *Neurology* 61:125-128.
134. Reiber H, Walther K, Althaus H (2003). Beta-trace protein as sensitive marker for CSF Rhinorea and CSF Otorhea.. *Acta Neurol Scandinavica*;108:359-362.
135. Reiber H, Uhr M (2003). Liquordiagnostik-Ausbildung und Fachqualifikation. Richtlinien der Deutschen Gesellschaft für Liquordiagnostik und Klinische Neurochemie (DGLN). *J Lab Med.* 27:322-328.
136. Quentin CD, Reiber H (2004). Fuchs' Heterochromic Cyclitis - rubella virus antibodies and genome in aqueous humor *AJO* 138:46-54.
137. Reiber H (2004). Reply. Beta-trace protein concentration in nasal secretion: discrepancies and flaws in recent publications. *Acta Neurol Scand* 110:339-341.
138. Pohl D, Rostasy K, Reiber H, Hanefeld F (2004) CSF characteristic in early onset multiple sclerosis, *Neurology* 63:1966-67
139. Reiber H (2005). Blut-Liquor Schrankenfunktion und Liquorfluß. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. 2.Aufl.,Walter de Gruyter & Co, Berlin, S. 58-74.
140. Reiber H (2005). Quantitative Proteinanalytik, Quotientendiagramme und krankheitsbezogene Datenmuster. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. 2. Aufl. Walter de Gruyter & Co, Berlin, S. 177-200.
141. Reiber H (2005). Erregerspezifische Antikörper. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. 2. Aufl. Walter de Gruyter & Co, Berlin, S. 200-208.
142. Reiber H (2005). Qualitätskontrolle für Proteinanalytik. In: UK Zettl, R Lehmitz, E Mix (eds), *Klinische Liquordiagnostik*. 2. Aufl. Walter de Gruyter & Co, Berlin, S. 391-395.



143. Reiber H, Otto M, Trendelenburg Ch, Wormek A (2004). 10. Reporting Cerebrospinal fluid data: knowledge base and interpretation software. eJIFCC;15(3)  
[www.ifcc.org/ejifcc/vol15no3/150309200411.htm](http://www.ifcc.org/ejifcc/vol15no3/150309200411.htm)
144. Reiber H (2004). II. Neuroimmunology: Immunoglobulins and the intrathecal polyspecific immune response in acute, subacute and chronic neurological diseases.eJIFCC;15(3)  
[www.ifcc.org/ejifcc/vol15no3/150309200412.htm](http://www.ifcc.org/ejifcc/vol15no3/150309200412.htm)
145. Reiber H. Liquordiagnostik. In: Klinische Neurologie. P Berlit (ed). Springer Verlag, Heidelberg, 2. Auflage, 2005, S.136-170
146. Reiber H. Liquordiagnostik. In: Thomas L (Hrsg) Labor und Diagnose, 6. Aufl.TH Books Verlagsgesellschaft Frankfurt 2005, Kap. 46:1743-1784.
147. Reiber H. Anatomische und physiologische Grundlagen. In: Wildemann B. et al. (Hrsg) Neurologische Labordiagnostik. Thieme-Verlag 2006.
148. Reiber H. Proteinanalytik im Liquor. In: Wildemann B. et al. (Hrsg) Neurologische Labordiagnostik. Thieme-Verlag 2006.
149. Reiber H. Lactat, Glucose. In: Wildemann B. et al. (Hrsg) Neurologische Labordiagnostik. Thieme-Verlag 2006.
150. Reiber H, Schmutzhard E. Labordiagnostik bei Parasitosen und tropischen Erkrankungen. In: Wildemann B. et al. (Hrsg) Neurologische Labordiagnostik. Thieme-Verlag 2006.
151. Reiber H. Befundbericht, Liquorprogramm und Interpretationen. In: Wildemann B. et al. (Hrsg) Neurologische Labordiagnostik. Thieme-Verlag 2006.
152. Reiber H. Referenzbereiche von Liquor- und korrespondierenden Serumanalysen. In: Wildemann B. et al. (Hrsg) Neurologische Labordiagnostik. Thieme-Verlag 2006.
153. Wildemann B, Oschmann P, Reiber H. Neurologische Labordiagnostik. Thieme Verlag ,2006.
154. Eckhoff A, Reiber H, Kirbach H, Uhlig A and Schusser GF. Cerebrospinal fluid analysis in Equine Borna Disease a new diagnostic approach to measure intrathecal immune response. Vet.Med. Austria/Wien. Tierärztliche Mschr.2006,93:235-243
155. Dorta-Contreras A.J., H. Reiber. Hallazgos neuroinmunológicos en el diagnóstico de neurotuberculosis REV NEUROL 2006; 43 (12): 765-766
156. Robinson-Agramonte M, Reiber H, Cabrera-Gomez JA, Galvizu R. Intrathecal polyspecific immune response to neurotropic viruses in multiple sclerosis: a comparative report from Cuban patients. Acta Neurol Scand 2007; 115:312-318
157. Lejon, Veerle, J Robays, F X N'Siesi, D Mumba, A Hoogstoel, S Bisser, H Reiber, M Boelaert and Ph Büscher. Treatment Failure Related to Intrathecal Immunoglobulin M (IgM) Synthesis, Cerebrospinal Fluid IgM, and Interleukin-10 in Patients with Hemolymphatic-Stage Sleeping Sickness. CLINICAL AND VACCINE IMMUNOLOGY. 2007;14: 732–737
158. Jacobi C, Lange P, Reiber H. Quantitation of intrathecal antibodies in cerebrospinal fluid of subacute sclerosing panencephalitis, herpes simplex encephalitis and Multiple sclerosis: Discrimination between microorganism-driven and polyspecific immune response. J Neuroimmunol. 2007; 187: 139-146

159. Reiber H Die Komplexität biologischer Gestalt als zeitunabhängiges Konstrukt im Zustands-Raum. Zum naturwissenschaftlichen Umgang mit Qualitäten. In: Doris Zeilinger (Hg): *VorSchein, Jahrbuch der Ernst-Bloch-Assoziation*, Antogo Verl. Nürnberg 2007, S. 39-61
160. Reiber H The blood brain barrier and the blood CSF barrier function. In *Vivo* 2007; 21: 947-948
161. Reiber H Von Lichtenbergs „Gespenst“ zur Emergenz der Qualität. Die neurobiologische Hirn-Geist-Diskussion im Licht der Komplexitätswissenschaft. In: U.Joost und A.Neumann (Hrsg) *Lichtenberg Jahrbuch* 2008, S.65-93
162. Reiber H. Neurologische Untersuchungen/Liquoranalytik In: Sinha P., Hrsg: *Laborbefunde und ihre klinischen Interpretationen, Methoden der Laboruntersuchung, Diagnosestrategien. Differentialdiagnose*, Spitta Verlag, 2008
163. Reiber H. Albaum, W. Statistical evaluation of intrathecal protein synthesis in CSF/Serum quotient diagrams. *Acta Neuropsychiatrica* 2008;20 (supplement 1) : 48-49.
164. Reiber H. Basic cerebrospinal fluid-diagnostic in neuroimmunological diseases. *Acta Neuropsychiatrica* 2008;20 (supplement 1): 9-10.
165. Reiber H, Teut M, Pohl D, Rostasy K.M, Hanefeld F.. Paediatric and adult Multiple Sclerosis: Age Related Differences and time course of the neuroimmunological response in Cerebrospinal fluid. *Multiple Sclerosis* 2009; 15: 1466-1480
166. Rostasy K and Reiber H. Clinical and neurochemical characteristics of pediatric Multiple sclerosis - CSF analysis as knowledge base for differential diagnosis and pathophysiology. *Acta Neuropsychiatrica* 2009;
167. Reiber H., Otto M. Bechter K. Cerebrospinal fluid analysis for diagnosis of noninflammatory, dementive and psychiatric diseases *Acta Neuropsychiatrica* 2009
168. Reiber H. Free light chains in CSF-pushing a method with biased interpretations. *Acta Neurol Scand.* 2009;120:445-446
169. Reiber H. A patients state of health (disease) is a quality which defines relevance of a molecular variation, not vice versa. *Acta Neurol Scand.* 2009;120:450
170. Bechter K, Reiber H, Herzog S, Fuchs D, Tumani H, Maxeiner HG. Cerebrospinal fluid analysis in affective and schizophrenic spectrum disorders. Identification of subgroups with immune responses and blood-CSF barrier dysfunction. *Journal Psychiatric Research* 2010; 44:321-330
171. Stauch C, Reiber H, Rauchenzauner M, Pohl D, Hanefeld F, Gärtner J, Rostásy KM. Intrathecal IgM synthesis in pediatric MS is not a negative prognostic marker of disease progression: Quantitative versus qualitative IgM analysis. *Mult Scler*; 2011;17:327-34.
172. Wildemann B, Oschmann P, Reiber H. *Laboratory diagnosis in Neurology* Thieme Verlag, Stuttgart, 2010.
173. Reiber H. Cerebrospinal Fluid: Spaces, production and Flow In: Wildemann B, Oschmann P, Reiber H. (Eds). *Laboratory diagnosis in Neurology*, Thieme, Stuttgart, 2010, p 3-4.

174. Reiber H. Blood-Brain Barrier and Blood-CSF barrier function In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 5-8
175. Reiber H Dynamics of serum and brain proteins in CSF and blood In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 9-13
176. Reiber H. Principles of analytical methods In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 17-29
177. Reiber H. Proteins In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 44-56
178. Reiber H and Schmutzhard E. Parasitoses and tropical diseases. In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 226-232
179. Reiber H CSF Analysis Report In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 235-248
180. Reiber H Quality assessment in the CSF laboratory In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 249-253
181. Reiber H Reference ranges of analytes in CSF and serum In: Wildemann B, Oschmann P, Reiber H. (Eds). Laboratory diagnosis in Neurology, Thieme, Stuttgart, 2010, p 254-259
182. Reiber H und Uhr M. Liquordiagnostik. In: Berlit P (Hrg). Klinische Neurologie. Springer Verlag, Heidelberg, 3.Aufl. 2011 ,S. 143-178
183. Reiber H. Rostasy K. Quantitative and qualitative IgM analysis in CSF. Letter response Mult Sci. 2012; 18:252-253
184. Reiber H. Komplexität und Selbstorganisation stabiler biologischer Gestalt in Epigenese und Evolution – Von der genozentrischen zur phänozentrischen Biologie. In: Kaasch, M., und Kaasch, J. (Hrsg.). Biologie und Gesellschaft. Verhandlungen zur Geschichte und Theorie der Biologie. Verlag für Wissenschaft und Bildung, Berlin, 2012, Bd. 17: 37-80
185. Reiber H (2012) Epigenesis and epigenetics- understanding chronic diseases as a selforganizing stable phenotype Neurol.Psych.Brain Res. 18: 79-81
186. Reiber H, Padilla-Docal B, Jensenius J, et al. Mannan-binding lectin in CSF - a leptomeningeal protein. Fluids and Barriers of the CNS 2012; 9: 17-24
187. Reiber H. Intrathecal Synthesis of Polyspecific Antibodies in MS. Relevance of the MRZ Reaction for immunological research and diagnosis. Neurology (Neurologia) 2013, S8: 12-13
188. Kuehne LK, Reiber H, Bechter K, Hagberg L, Fuchs D. Cerebrospinal fluid neopterin is brain-derived and not associated with blood-CSF barrier dysfunction in non-inflammatory affective and schizophrenic spectrum disorders. J Psych.Res. 2013; 47: 1417-1422
189. Reiber H, Ressel Chr, Spreer A. Diagnosis of Neuroborreliosis-Improved knowledge base for qualified antibody analysis and cerebrospinal fluid data pattern related interpretations. Neurol Psychiatry Brain Res 2013; 19: 159-169
190. Padilla-Docal B, Dorta-Contreras AJ, Bu-Coifiu-Fanego R René H Martínez-Alderete RH, Susana de Paula-Almeida O, Reiber H, Jensenius JC. Mannose-binding lectin deficiency with eosinophilic meningoencephalitis due to

Angiostrongylus cantonensis in children: a case series. Journal of Medical Case Reports 2011, 5:330

191. Reiber H, Lange P, Zerr I. Neurochemical dementia diagnostics - Interlaboratory variation of analysis, reference ranges and interpretations. J Alzheimers Disease & Parkinsonism, 2014, 4: 147-151 (<http://dx.doi.org/10.4172/2161-0460.1000147>)
192. Reiber H, Quentin C. (2014) B cell repertoires are different in brain and eye of the individual multiple sclerosis patient. Arbitrary variability of antibody specificities point to a new neuroimmunological model of B cell dependent emergent properties. Neurol.Psych.Brain Res. 20: 20
193. Reiber H, Kruse Sautter, H, Quentin C. (2014) Antibody patterns vary arbitrarily between cerebrospinal fluid and aqueous humor of the individual multiple sclerosis patient: Specificity-independent pathological B cell function. J Neuroimmunol. <http://dx.doi.org/10.1016/j.jneuroim.2014.11.013>