

Alzheimer, Demenz, Parkinson, Hirnatrophie durch Spirochaeten und andere Erreger von Infektionskrankheiten
Alzheimer's disease, dementia, Parkinson's disease, brain atrophy caused by spirochetes and other pathogens of infectious diseases

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Alzheimer's & Dementia: The Journal of the Alzheimer's Association, 2 (3), Supplement, **S207, S275, S433**. MacDonald AB [Alzheimer Borreliosis](http://alzheimerborreliosis.net/) <http://alzheimerborreliosis.net/presentations/>

[Miklossy J.](http://www.ncbi.nlm.nih.gov/pubmed/23346260) (2012) **Chronic or late lyme neuroborreliosis**: analysis of evidence compared to chronic or late **neurosyphilis**. *Open Neurol J.* 6, 146-57
<http://www.ncbi.nlm.nih.gov/pubmed/23346260>

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Bu G (2009) **Apolipoprotein E and its receptors in Alzheimer's disease: pathways, pathogenesis and therapy**. *Nat. Rev. Neurosci.* 10(5) 333-344. [PMID 19339974](https://pubmed.ncbi.nlm.nih.gov/19339974/)
[doi:10.1038/nrn2620](https://doi.org/10.1038/nrn2620)

Jucker M (2015) **Alzheimer und Gen-Mutation**
<https://www.youtube.com/watch?v=bVqh5XD5A7k>

(2016) **Prion und Alzheimer** <http://www.erlebnishaft.de/prione.pdf>

(2016) **Microbes and Alzheimer's Disease. Editorial.**
<http://content.iospress.com/articles/journal-of-alzheimers-disease/jad160152>
https://www.google.de/search?q=Microbes+and+Alzheimer%92s+Disease&hl=de&btnG=Google+Search&qws_rd=ssl
<http://content.iospress.com/download/journal-of-alzheimers-disease/jad160152?id=journal-of-alzheimers-disease%2Fjad160152>

Boxmeyer L. (2017) **Are the Infectious Roots of Alzheimer's Buried Deep in the Past ?** *J Mol Path Epidemiol.* 3, 2 www.rense.com/general96/ALZHEIMERS.pdf

Basis: Genug Schlaf, Bewegung, soziale Interaktion, gesunde Ernährung, menschliche Wärme
Based are: enough sleep, plenty of exercise, social interaction, healthy diet, human warmth

[Reitz Chr, Tang M-X, Schupf N et al.](http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3068839/) (2010) **A Summary Risk Score for the Prediction of Alzheimer Disease in Elderly Persons**. *Arch Neurol.* 67(7), 835-841. doi:10.1001/archneurol.2010.136.
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3068839/>

"Risk factors contributing to the risk score were age, sex, education, ethnicity, APOE ε4 genotype, history of diabetes, hypertension or smoking, high-density lipoprotein levels, and waist to hip ratio. The resulting risk score predicted dementia well".

[Bredesen DE](http://www.ncbi.nlm.nih.gov/pubmed/25324467) (2014) **Reversal of cognitive decline: a novel therapeutic program**. *Aging (Albany NY).* 6(9), 707-17. <http://www.ncbi.nlm.nih.gov/pubmed/25324467> <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4221920/>
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Visual signs and symptoms in patients with the visual variant of Alzheimer disease.
https://www.google.de/search?q=visual+signs+and+symptoms+in+patients&hl=de&btnG=Google+Search&qws_rd=ssl

(2006) Borrelieninfektion, Therapieversager, Halbwertszeit v. Immunglobulinen und DNA. Borrelia infection, treatment failures, half-life of Immunoglobulins and DNA

<http://www.erlebnishaft.de/dauerheilung.pdf>

„Die maximale Latenzzeit bis zum Auftreten von Krankheitssymptomen betrug acht Jahre.... Daher kann heute als geklärt gelten, dass die Lyme-Borreliose eine primär chronisch verlaufende Infektionskrankheit ist, bei der es in Analogie zur Syphilis keine Spontanheilung gibt. Die These eines „Durchseuchungstiter“ im Sinne einer durchgemachten, spontan überstandenen Infektion konnte nie belegt werden und sollte heute obsolet sein“.

“The maximum latency to onset of disease symptoms was eight years. The thesis of a "Durchseuchungstiter" in the sense of had taken place spontaneously recovering from infection could never be substantiated and should now be obsolete”.

Diagnostic - Therapy - Booklet on Borrelia and Co - Infections for Clinicians and Practitioners.

Literatur dokumentierte Wirts-Eigenschaften und Infekt - Ursachen bei der Alzheimer Krankheit, Demenz, Parkinson, Hirnatrophie (Prione s.o. zusätzlich)

Literary - documented characteristics of the host and infection causes in Alzheimer's disease, dementia, parkinson´s, brain atrophy (prions see above as well)

Immunosystem

[Mice lacking functional B and T cells](#): Späni C (2015)

Neuroglia

Soreq L et al. (2017) **Major shifts in glial regional identity are a transcriptional hallmark of human brain aging.** Cell Reports. 18(2), p557–570, DOI: 10.1016/j.celrep.2016.12.011

[http://www.cell.com/cell-reports/abstract/S2211-1247\(16\)31684-9](http://www.cell.com/cell-reports/abstract/S2211-1247(16)31684-9)

[http://www.cell.com/cell-reports/pdf/S2211-1247\(16\)31684-9.pdf](http://www.cell.com/cell-reports/pdf/S2211-1247(16)31684-9.pdf)

Viruses

[Virus triggers chronic illnesses and chronic infections, health, and the so called autoimmune diseases](#)

[Immunsuppressive Virusarten, Bakterien und Protozoen](#)

[Virus, Bakterium und Immunsystem](#)

Herpes simplex virus Type 1 (HSV1)

Wisniewsky HM (1978) Saldanha J (1986, 2012) Jamieson GA (1991) Stanley LC (1994) Beffert U (1998) Itzhaki RF (1997, 2008, 2014) Hemling N (2003) Wozniak MA (2007, 2009, 2011) Zambrano A (2008), Letenneur L (2008) De Chiara G (2010) Cheng SB (2011), Lerchundi R (2011) Bearer EL (2013), Carter CJ (2013), Ball MJ (2013) [Lövhheim H](#) (2014), [Mancuso R](#) (2014), Martin CO (2014) Bourgade K (2015, 2016), Civitelli L (2015), Gillet L (2015), Piacentini R (2015), Lövhheim H (2 x 2015), [Harris SA](#) (2015)

HIV Virus

Esiri MM (1998) Smith DB (2014)

Bacteria and misfolded proteins

[Borrelien Behandlung mit Antibiotika bei Menschen Lyme disease treatment with antibiotics in humans](#)

Borrelia, oral treponemata

MacDonald AB (1986, 1987, 1988, 4 x 2006, 2007, 2008, 2016), Pappolla MA (1989), Miklossy J (1990, 1993, 1994, 1998, 2004, 3 x 2006, 3 x 2008, 2011, 2012, 2013, 2014, 2015, 2016), Riviere GR (1991), Waniek C (1995) Riviere GR (2002) Green DA (2005) Meer-Scherrer L (2006) Blanc F (2014), Maheshwari P (2014), Blanc F (2014), Allen HB (2016), Zahn (2016), Ide (2016), Bastian (2017)

[Chlamydia, Chlamydophila, CPN](#)

Chlamydia pneumoniae

Balin BJ (1998, 2008) Little CS (2004) Boelen E (2007) Maheshwari P, (2014, 2015)

Propionibacterium acnes

Kornhuber HH (1996)

Helicobacter pylori

Kountouras J (2006)

Mycoses, fungi

Pisa D (2013, 2015) Alonso R (2 x 2014, 2017)

Air pollution, Nanoparticles

Kirschvink JL (1992) Pankhurst Q (2008) Moulton PV (2012) Teller S (2015) Chau-Ren Jung (2015)

Toxins

Portelius E (2016), Killin LOJ (2016), Mahler B (2016), Mirza A (2017)

Leitlinie Demenz, guideline dementia

<http://www.dgn.org/leitlinien/3176-leitlinie-diagnose-und-therapie-von-demenzen-2016>

Possibilities for early detection

Coffman B (2017) **Detecting Alzheimer's disease earlier using ... Greebles?** University of Louisville.

<http://uoflnews.com/releases/detecting-alzheimers-disease-earlier-using-greebles/>

Mason, E et al. (2017) **Family History of Alzheimer's Disease is Associated with Impaired Perceptual Discrimination of Novel Objects.** *Journal of Alzheimer's Disease*, 57(3), 735-745 DOI: 10.3233/JAD-160772

<http://content.iospress.com/articles/journal-of-alzheimers-disease/jad160772>

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Fischer O (1910) Die presbyophrone demenz, deren anatomische grundlage und klinische abgrenzung. *Z Gesamte Neurol Psychiatr* 3, 371–471.

Alzheimer A. (1911) Über eigenartige Krankheitsfälle des späteren Alters. *Zeitschr f die ges Psychiatr u Neurol* 4, 356-385

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Wisniewsky HM (1978) **Possible viral etiology** of neurofibrillary changes and neuritic plaques. In *Alzheimer's Disease: Senile Dementia and Related Disorders (Aging, Vol 7)*, Katzman R, Terry RD, Bick KL, eds. Raven Press, New York, pp. 555-557.

Khachaturian ZS (1985) Diagnosis of Alzheimer's disease. *Arch Neurol* 42, 1097–1105.

MacDonald, A. B. (1986) **Borrelia** in the brains of patients dying with **dementia**. *J. Am. Med. Assoc.* 256, 2195-2196.

Saldanha J, Sutton RN, Gannicliffe A et al. (1986) Detection of **HSV1 DNA** by in situ hybridisation in human brain after immunosuppression. *J Neurol Neurosurg Psychiatry* 49, 613–619.

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Pappolla MA, Omar R, Saran B, et al. (1989) Concurrent **neuroborreliosis and Alzheimer's disease**: analysis of the evidence. Hum Pathol 20(8), 753-7. [Abstract](#)

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Jamieson GA, Maitland NJ, Wilcock GK, Craske J, Itzhaki RF (1991) **Latent herpes simplex virus type 1** in normal and Alzheimer's disease brains. J Med Virol 33, 224–227.

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<http://resolver.caltech.edu/CaltechAUTHORS:20130211-134215131>
<http://web.gps.caltech.edu/~jkirschvink/pdfs/PNASbrainMagnetite.pdf>

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Decoding darkness: [The search for the genetic causes of Alzheimer's disease](http://www.worldcat.org/title/decoding-darkness-the-search-for-the-genetic-causes-of-alzheimers-disease/oclc/45226067) (Book, 2000). <http://www.worldcat.org/title/decoding-darkness-the-search-for-the-genetic-causes-of-alzheimers-disease/oclc/45226067>

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« We concluded that *T. gondii* infection not only could not be a risk factor to PD, but even it could be concluded that patients with PD are in more risk to acquisition of infection. »

Bildgebende Diagnostik, Imaging diagnostics

Prior to any tumor therapy, may be a long term antibiotic treatment should be done. Jeder Tumor-Therapie sollte eventuell doch eine (Langzeit-) Antibiose voraus gehen. <http://www.xerlebnishaft.de/krebsstammzelltherapie.pdf>

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- ➔ [Therapie bei chronischen Multiinfektionskrankheiten durch Krankheitserreger](#)
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