Bakterielle Stress-Varianten, Persister, Eberth-Koch´sche Varianten, bakterielle L-Formen, filtrierbare Bakterien http://en.wikipedia.org/wiki/L-form_bacteria, langsam wachsende Bakterienpopulationen, Bakterielle Yin-Yang Varianten nach Zhang, einschl. Nanobakterien / Nanoben

Bacterial stress variants, Persisters, Eberth, Koch variants, bacterial L-forms, filterable microbes http://en.wikipedia.org/wiki/L-form_bacteria, slow bacterial infections, bacterial Yin-Yang variants according to Zhang, including nanobacteria / nanobes

L-Formen = **Sonderformen der bakteriellen Pleomorphie**. http://www.erlebnishaft.de/stressvar2.pdf

„Since many bacteria in the classical form pass through 450 Nanometer pore filters, the term „**filterable microbes**“ should be reserved for **variants which pass through a porosity of 250 Nanometer or less**. Most CWD (cell wall defective) forms include filterable, viable units, but this is not invariable, depending on the age of the culture and nutrients supplied.” In **Mattman L. (2001)** Cell Wall Deficient Forms. Stealth Pathogens. CRC Press 3rd Edition, p.11

"Da viele Bakterien in ihrer klassischen Form 450 Nanometer Poren Filter passieren, sollte der Begriff "**filtrierbare Mikroben**" **für Varianten reserviert werden, die eine Porosität von 250 Nanometer oder weniger passieren**. Die meisten CWD (Zellwand defekte) Formen sind filtrierbar, lebensfähige Einheiten, aber dies ist nicht immer gleich, es hängt ab vom Alter der Kultur und den verfügbaren Nährstoffen." In **Mattman L. (2001)** Cell Wall Deficient Forms. Stealth Pathogens. CRC Press 3rd Edition, p.11
Stress-Granula, SG (2019) https://en.wikipedia.org/wiki/Stress_granule

- ➔ Lebensstrukturenvergleich http://www.xerlebnishaft.de/lebensstrukturenvergleich.pdf
- ➔ Selbstorganisation, Symbiose http://www.erlebnishaft.de/selbst_muster_nano.pdf
- ➔ Pereira C (2016) **Is it quantum sentience or quantum consciousness?** NeuroQuantology 14(1) 16-27, doi: 10.14704/nq.2016.14.1.874
  https://www.researchgate.net/publication/299445549_Is_it_Quantum_Sentience_or_Quantum_Consciousness_A_Review_of_Social_Behaviours_Observed_in_Primitive_and_Present-Day_Microorganisms
  « The intent of this review is to prove the origin and existence of consciousness or sentient awareness in microorganisms based on which these social behaviours originated and its comparison to multifaceted conscious behaviours observed in higher beings; its correlation to quantum generated consciousness which enables organisms to understand and judge perceptions, which gives the organism a prospect to behave as per will.
  Das Ziel dieser Übersichtsarbeit ist es, den Ursprung und die Existenz des Bewusstseins oder des empfindungsfähigen Bewusstseins in Mikroorganismen nachzuweisen, auf deren Grundlage diese sozialen Verhaltensweisen entstanden sind, und sie mit den vielfältigen bewussten Verhaltensweisen zu vergleichen, die bei höheren Lebewesen beobachtet werden; ihre Korrelation mit dem quantengenerierten Bewusstsein, das Organismen in die Lage versetzt, Wahrnehmungen zu verstehen und zu beurteilen, was dem Organismus die Möglichkeit gibt, sich nach seinem Willen zu verhalten. »

- ➔ Borrelien – Populations – Dynamik http://www.erlebnishaft.de/stressvar2.pdf
- ➔ Warum Borrelien infektiös bleiben trotz intensiver antibiotischer Behandlung http://www.xerlebnishaft.de/escape.pdf Why Borrelia remain infectious despite intensive antibiotic treatment http://www.xerlebnishaft.de/escape_eng.pdf
- ➔ Inflammation, Lymphom, Neoplasma http://www.xerlebnishaft.de/borrel_inflam_lymphom_neopl.pdf

- ➔ Zytoskelett, Tight junctions http://www.xerlebnishaft.de/zytoskelett.pdf
- ➔ Krebsstammzell- und Bakterien Persister-Therapie http://www.xerlebnishaft.de/krebsstammzelltherapie.pdf

Obligat intrazelluläre Krankheitserreger	**Facultativ** intrazelluläre Krankheitserreger
Chlamydia spp, Coxiella burnetii, Ehrlichia spp, Erwinia spp, Rickettsia spp, Parachlamydia spp Mycobakterium leprae, Tropheryma Whipelei, Waddlia etc.	Borrelia spp, Treponemen, Leptospiren, Bartonellen, Mycoplasmen, Brucella spp, Legionella spp, Listeria spp, Mycobacterium spp, Neisseria spp, Salmonella spp, Shigella spp, Yersinia spp, Babesia spp, Toxoplasma, Protomyxzoa spp, Trypanosomes, Streptokokken spp, Candida etc.

http://de.wikibooks.org/wiki/Medizinische_Mikrobiologie:_Atypische_Bakterien

Gen Dynamik http://www.xerlebnishaft.de/gen_dynamik.pdf

Cell wall defective forms, stress variants, bacterial persisters, L-Forms
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"1. The isolation of a filter-passing diplococcus from the blood of certain cases of influenza by means of a special cultural medium is described. The experimental effects of this organism, while in the filterable state, upon rabbits, is discussed. 2. A procedure is formulated for inducing at will both a filterable and a non-filterable state in bacteria. Mention is made of a series of experiments in which both the filterable and the non-filterable state has thus been induced in a series of well-known bacteria comprising a variety of types. 3. It is postulated that a majority, if not all, known bacteria can and do exist in a filterable and in a non-filterable state. 4. A preliminary report of the isolation of microbes in the blood, not only of cases of influenza, but also from common cold, rheumatic fever, arthritis, from Staphylococcus bacteriophage and Besredka's Staphylococcus Antivirus is presented in evidence of the ubiquity of the procedure. 5. An explanation of the chemical basis for the existence of bacteria, both in the filterable and non-filterable states, in the animal and human body, and in culture, is proferred. 6. The relation of this chemical concept to microbic infection, and the state of microbes in the body during infection is discussed."

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„Here, we report our accidental discovery of a subcellular structure that we term the regrowth-delay body, which is formed only in non-growing bacterial cells and sequesters multiple key proteins. … By the same token, in clinics, we might be able to find ways to eradicate the multidrug-tolerant recalcitrant pathogen persisters by promoting the dissolution of their regrowth-delay bodies in conjunction with an antibiotic treatment."

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