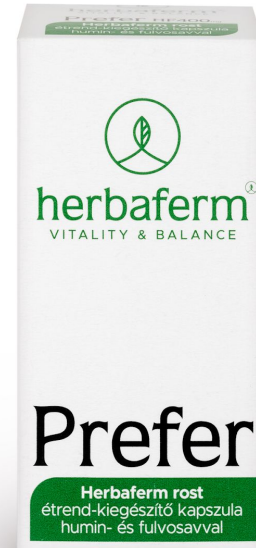


Adam Boday, MSc,
Herbaferm R&D

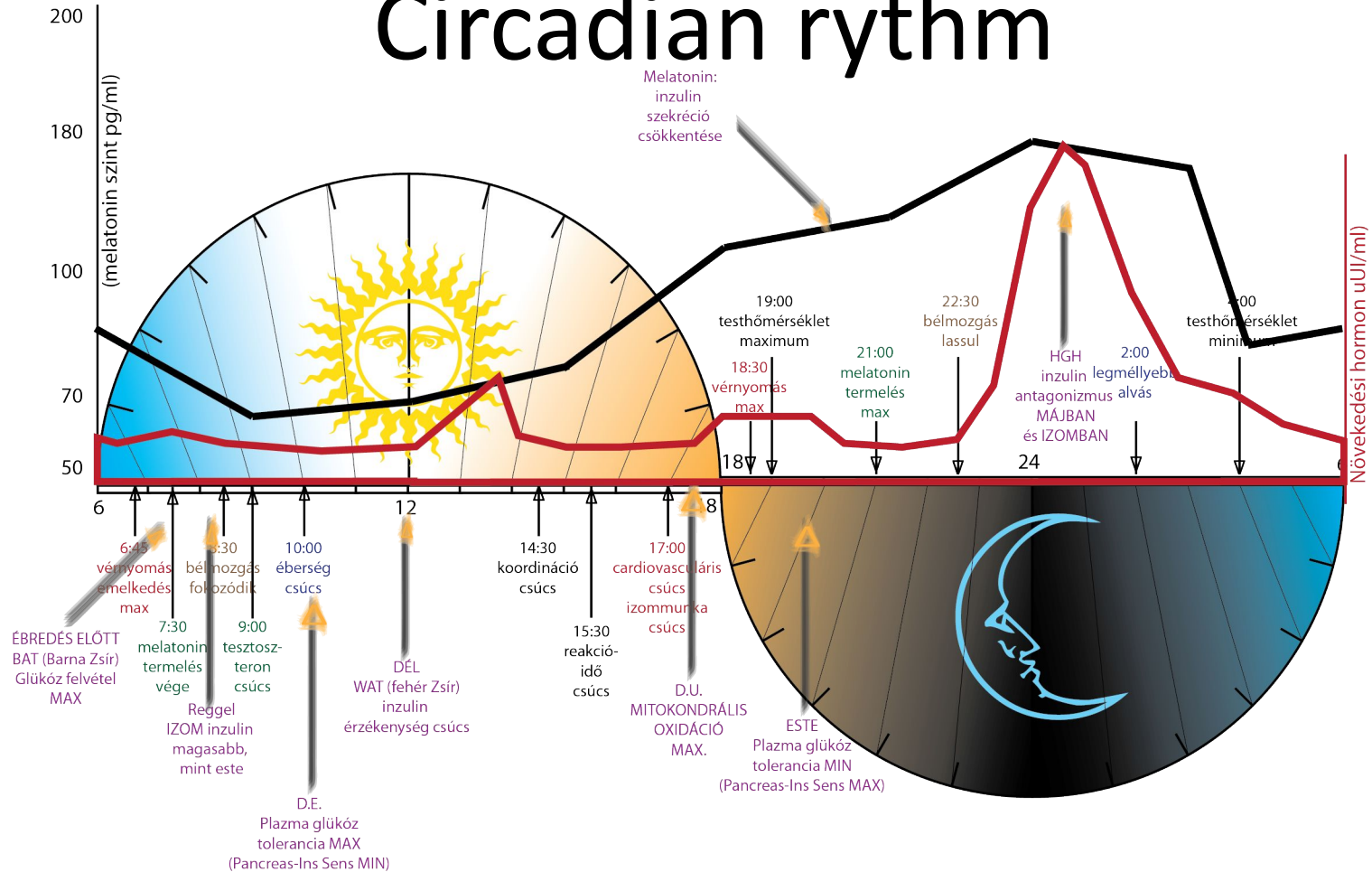
Rebiosis

The natural way to restore symbiosis in the digestion and

How our lifestyle and diet damage the gut microbiota – what is the cause of dysbiosis?



Circadian rythm

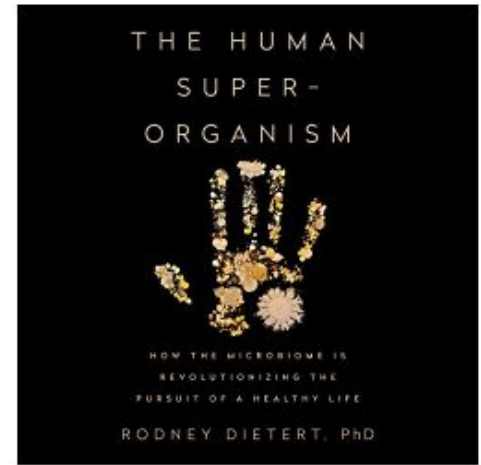


rebiosis

Rebiosis is a term for an eco-physiological process of regeneration, rebalance or

re-establishment of microbial symbiosis

between host and the inhabiting microbes, the microbiota from the disharmonic state or dysbiosis.



symbiosis

- SUPERORGANISM 50 trillion cells + 300 trillion microbes
- Harmony with nature – developed like this
- 23.000 human genes
- More than 80.000 microbial genes

Oak forrest - ecosystem

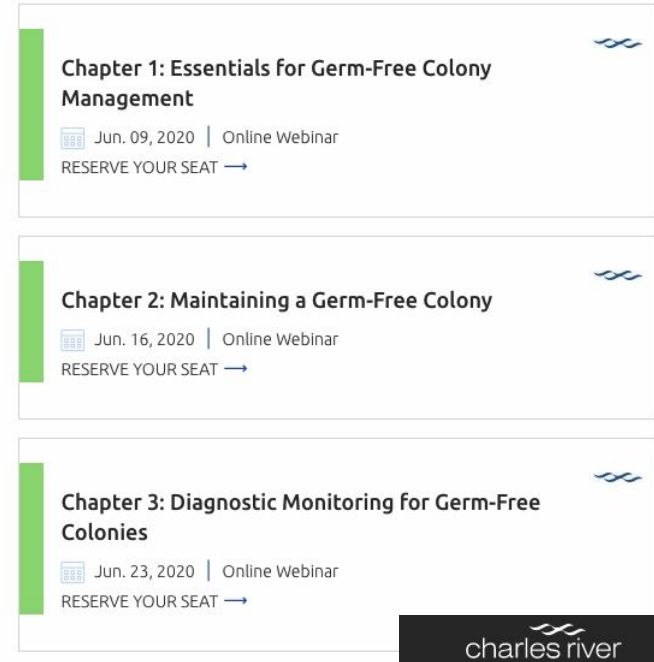


Are we lab-mice?

Why germ-free mice are expensive?

How they live?

What they eat?



Chapter 1: Essentials for Germ-Free Colony Management
Jun. 09, 2020 | Online Webinar
RESERVE YOUR SEAT →

Chapter 2: Maintaining a Germ-Free Colony
Jun. 16, 2020 | Online Webinar
RESERVE YOUR SEAT →

Chapter 3: Diagnostic Monitoring for Germ-Free Colonies
Jun. 23, 2020 | Online Webinar
RESERVE YOUR SEAT →

charles river

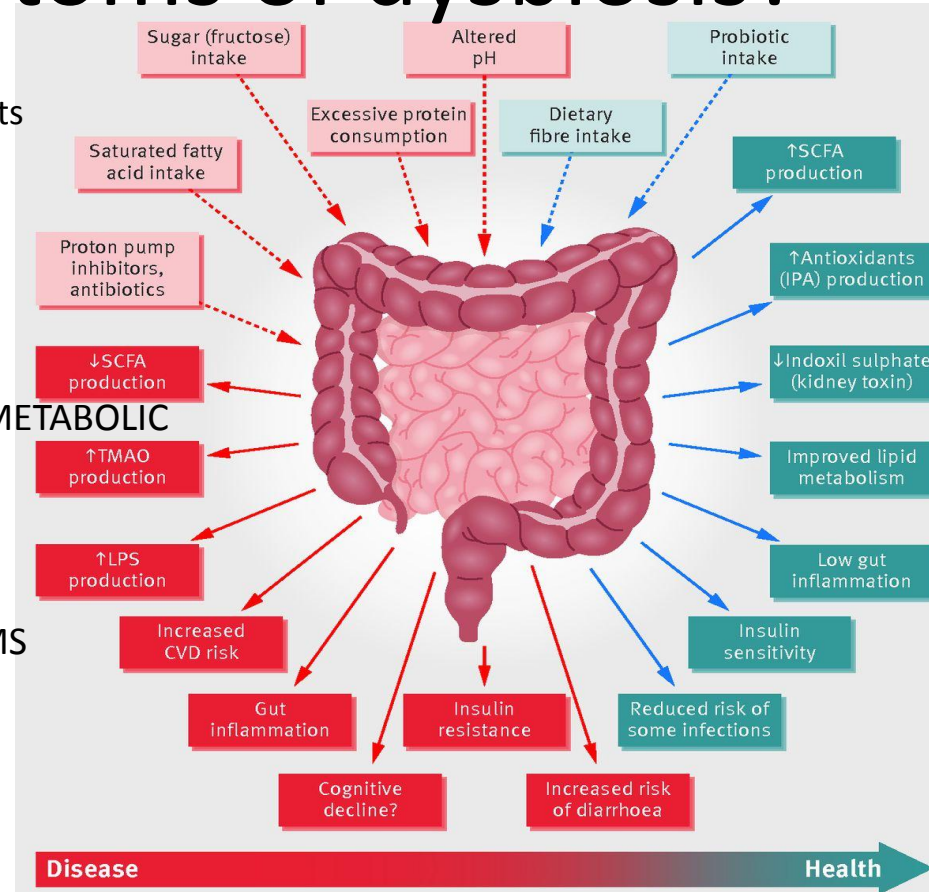
The modern lifestyle

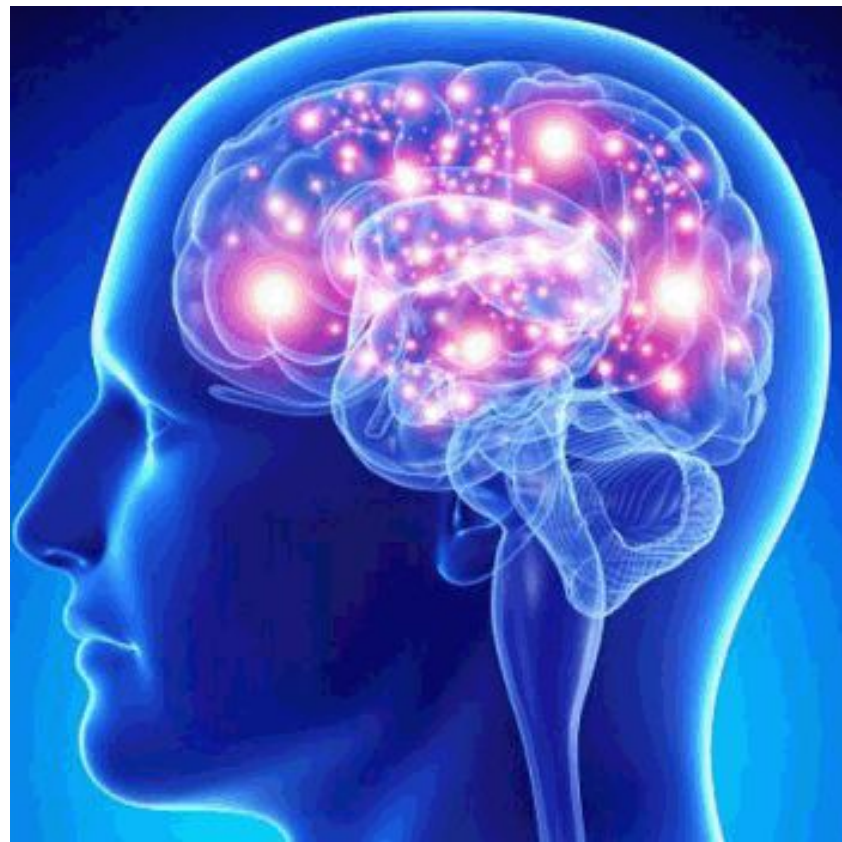
- live in metropolises
- eat industrial food
- drink sanitized water
- personal hygiene
- drugs and chemicals
- Eat-Sleep-Exercise?



What are the symptoms of dysbiosis?

- FUNCTIONAL STARVATION- lack of certain nutrients
- MALDIGESTION, MALABSORPTION
- G.I.T. MALFUNCTIONS (SIBO, IBD, IBS)
 - Bloating(s)
 - constipation
 - diarrhea
- SYSTEMIC INFLAMMATION (Inflammaging)
- SECONDARY NUTRIENT DEFICIENCY (gut origin) / METABOLIC TOXINS
- OBESITY, METABOLIC SYNDROME (IR, T2D)
- LACK OF ENERGY
- SLEEP DISORDERS (depression, anxiety)
- NEURODEGENERATION- Alzheimer, Parkinson, MS



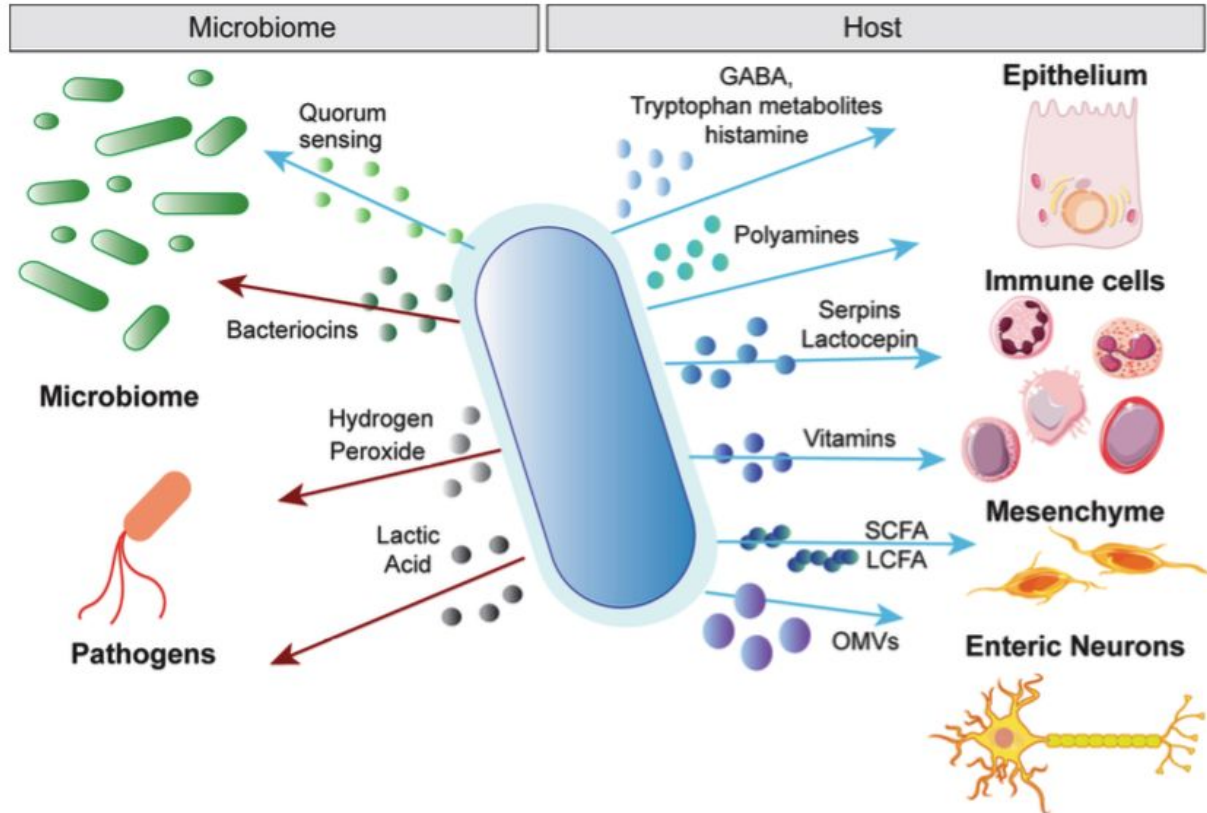


The natural ways of restoring the symbiosis

Where are the microbes are from in nature?

- Water (ecosystem)
- Food (organic)
- Air (oral and respiratory, skin)

The role of EUBiota



Herbaferm drops

- Herbaferm promotes REBIOSIS
 - Symptoms – fermented herbs
 - key triggers
 - Functional digestion
 - Immunity –
 - Restoration – microbial ecosystem

LINK TO NATURE: MICROBIAL FUNCTIONS

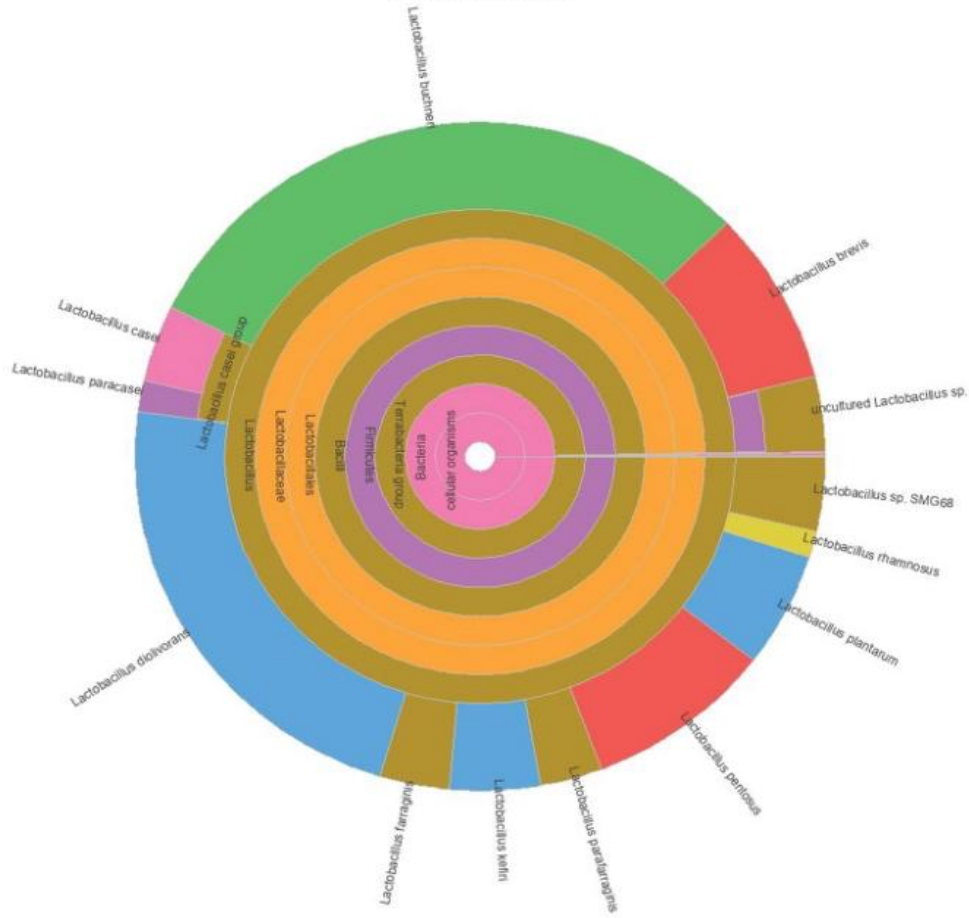
- INHABITANCE – the live on our outer surfaces – no place for pathogens
- PROPAGATION (milk, saliva, perspiration, tears, gastric juices are feeding them)
- FEED AND MOTIVATE US – metabolites, vitamins, neurotransmitter, hormones and their precursors, (Interferonok, DAO, beta glucane, GABA, acetyl-kolin, ...)
- STARTING AND TUNING DIGESTION PROCESSES – them, or their products
- PROTECTION
 - Immunity
 - **Non-specific – histamine (basophils), HDP, Defensin, Dermicidin,**
 - Specific – learning and vigilance – antibodies, T and B cells, conditioning macrophages, specific **HDP (humane defense proteins)**
 - Displacement (covering the surface)
 - Signaling and protective molecules (quorum sensing, natural antibiotics)

Therapies to restore dysbiosis

- Yellow soup
- Fecal Microbial Transplant (FMT)
- Probiotics
- Fermented foods
- **Fermented dietary supplement**

NATURAL FERMENTING ECOSYSTEM

Taxonomy profile for HF-2.rna6



The steps of rebiosis

- Reduce stress, ease symptoms
- Feed the body for energy and raw material
- Promote immunity and
- Assist regeneration
- Rehabilitate the colorful microbial ecosystem:
the healthy microbiota

Thank you for your attention!

"...we are not aiming to find some bacteria that qualify as the "the best ones" but we are trying to provide the natural abundance that is resiliently missing from our water and diet, and the lack of their presence is contributing to severe degradation in our health..."