Disclaimer

The material contained in this presentation is for informational purposes only and is not intended to substitute for the advice provided by your doctor or other health care professional. You should not use this information for diagnosing or treating a health problem or disease, or prescribing any medication. As each individual situation is unique, you should use proper discretion, in consultation with your health care practitioner, before undertaking any protocols, diet, exercises, supplements, or lifestyle modifications, described here. The author expressly disclaims responsibility for any adverse effects that may result from the use or application of the information contained herein.

Gut-Brain Connection Series

Part 7 - Repair – Identify & Treat Leaky Gut (Intestinal Permeability)

Cynthia Libert, M.D., ABFM, ABIHM, IFMCP

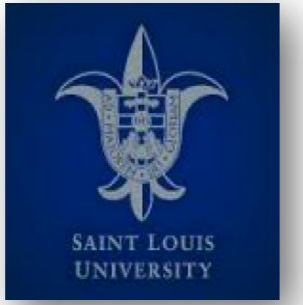
Cynthia Libert, M.D.

Caring for the Body, PLLC
1998 Hendersonville Rd
Suite 24
Asheville, NC 28803

(828)490-1545

caringforthebody.org

help@caringforthebody.org



LOYOLA MEDICINE

Loyola University Chicago Stritch School of Medicine

American Board *of* Family Medicine

MAHEC

“All disease begins in the gut.”

Hippocrates

c.460 - c.370 BC

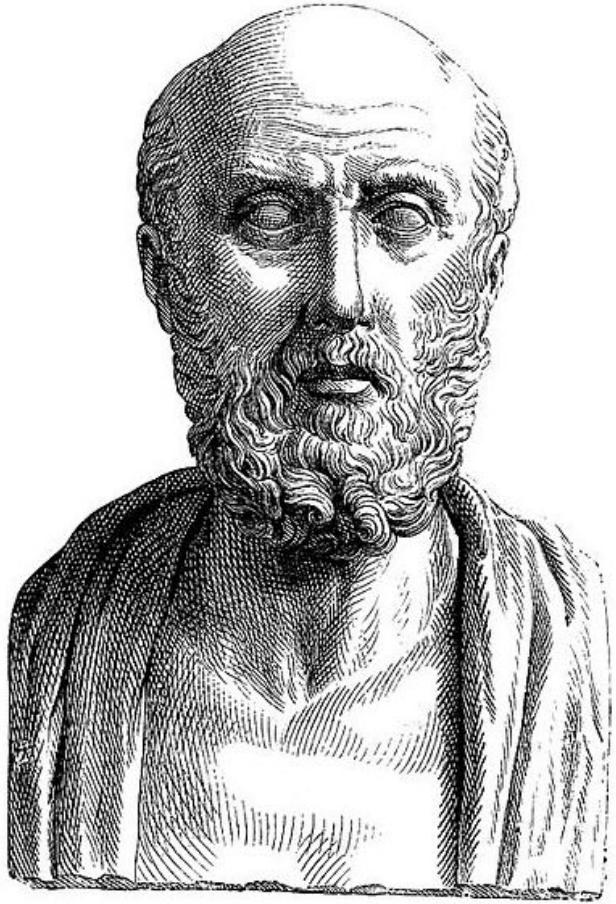


Image:

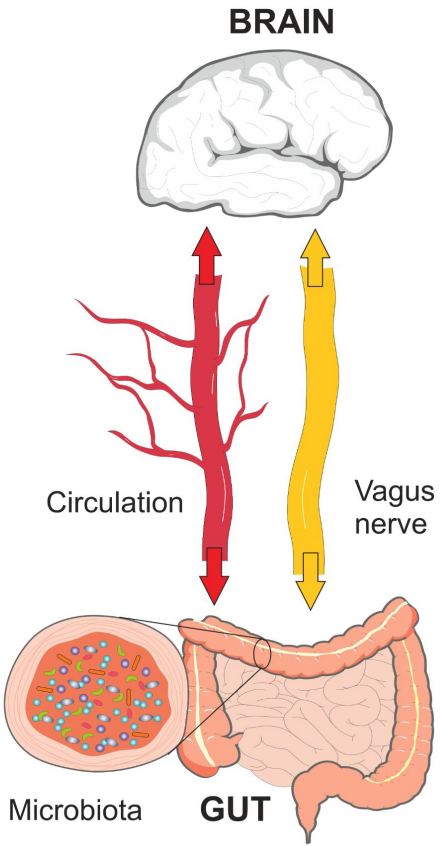

THE LANCET
Online First Current Issue All Issues Special Issues Multimedia Information for Authors
Search Advanced Search
Volume 361, No. 9356, p512–519, 8 February 2003
Review
Gut flora in health and disease
Dr Francisco Guarner, MD, Prof Juan-R Malagelada, MRCP
Article
Current Gastroenterology Reports
August 2008, Volume 10, Issue 4, pp 396-403
First online: 16 October 2008
The human gut microbiome:
for future health care
James M. Kinross , Alexander C. von Roon, Elaine Holmes,
Summary
In their intestine, humans possess an "extended genome" of millions
microbiome. Because this complex symbiosis influences host metab
expression, it has been proposed that humans are complex biologic
microbiologic analysis and systems biology are now beginning to imp
etiology of localized intestinal diseases such as the irritable bowel sy
disease, and colon cancer. These approaches also suggest possible
previously unassociated systemic conditions such as type 2 diabetes
the intestinal microbiome is therefore likely to underpin future disease
personalized health care regimens, and the development of novel the
review summarizes the research that is defining our understanding o
highlights future areas of research in gastroenterology and human health in which the intestinal
microbiome will play a significant role.
U.S.News & WORLD REPORT HEALTH
Home Hospitals Doctors Health Insurance
Top Recommended Health Products Eat + Run For Better
Replacing Doors Is Costl
15% Off Select Special Order Windows,
Get the Deal Here
All About Flora: How Imp
Health Really Is
Don't be grossed out – those little guys livin
friends.
aps American Physiological Society Physiological Reviews
HOME ARTICLES INFO FOR... EDITORS
Gut Microbiota in Health and Dis
Physiological Reviews Published 1 July 2010 Vol. 90 no. 3,
Article Figures & Data Info
Abstract
Gut microbiota is an assortment of microorganisms inhabiting
mammalian gastrointestinal tract. The composition of this micr
evolving throughout an individual's lifetime and susceptible to
modifications. Recent renewed interest in the structure and fu
its central position in health and disease. The microbiota is int
of normal host physiology, from nutritional status to behavior a
can be a central or a contributing cause of many diseases, aff
systems. The overall balance in the composition of the gut mic
HUMAN
MICROBIOME
JOURNAL
2400 YEARS LATER, WE ARE STILL DISCOVERING OF
THE IMPORTANCE OF GUT FUNCTION

What we'll cover...

- What is leaky gut?
- What causes it?
- The gut-brain connection
- The Intestinal Permeability Assessment
- How to re-establish intestinal barrier function

What is intestinal permeability?

What causes intestinal permeability?


BRAIN
Circulation
Vagus nerve
Microbiota
GUT

The Intestinal Permeability Assessment

How to re-establish intestinal barrier function

THANK YOU!

CREDITS: This presentation template was created by **Slidesgo**, including icons by **Flaticon**, and infographics & images by **Freepik**

Cynthia Libert, M.D.

Caring for the Body, PLLC
1998 Hendersonville Rd
Suite 24
Asheville, NC 28803

(828)490-1545

Caringforthebody.org

help@caringforthebody.org