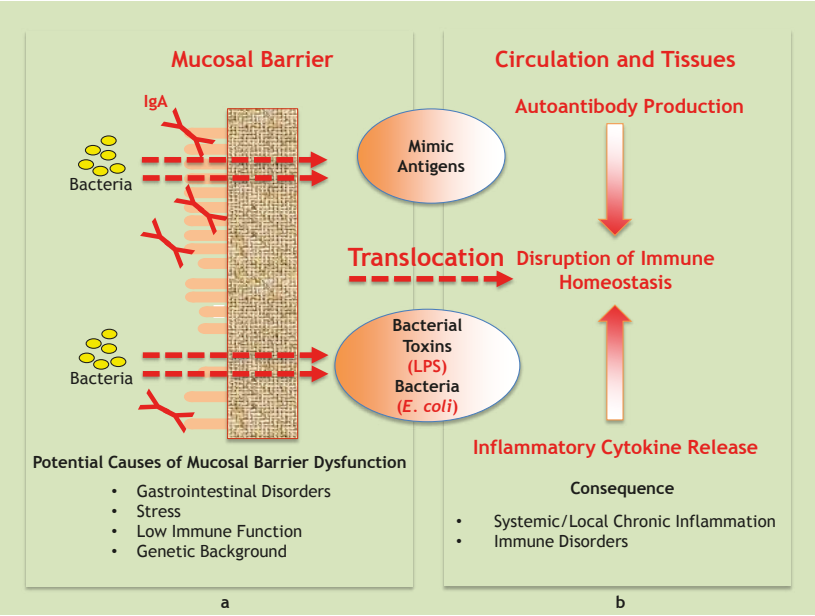
Intestinal Barrier Function Evaluation Tools

The translocation of intestinal bacteria and their toxins may be a significant contributing factor in the pathogenesis of autoimmune diseases. This hypothesis has been considered valid for some time, though not extensively investigated due to the lack of useful tools. Chondrex introduces a new line of research tools to aid researchers in examining the possible link between pathogenic intestinal bacteria and autoimmune diseases such as Crohn's Disease, Chronic Fatigue Syndrome, Ulcerative Colitis, and Rheumatoid Arthritis.



Pathogenic Environmental Factors and the Possible Contribution to Autoimmune Diseases
Various factors can disrupt the mucosal barrier function (a). As a result, pathogenic intestinal bacterial components (mimic antigens) and their toxins can cross the mucosal barrier into the surrounding tissues and circulation, thus disrupting the immune homeostasis (b).

For Animal Disease Models

Products	Catalog #
FITC-labeled Dextran - 4 kDa/40 kDa (Permeability Evaluation Solution)	4013/4009
Mouse Anti-*E. coli*/LPS IgA Antibody Assay Kit*	6306/6406
Mouse Anti-*E. coli*/LPS IgG Antibody Assay Kit	6206/6106
Mouse Anti-*E. coli*/LPS IgG Antibody Assay Kits (G1, G2a*, G2b*, G3*)	*E. coli*: 6207/6210/6211/6212 LPS: 6107/6110/6111/6112
Mouse Anti-*E. coli*/LPS IgM Antibody Assay Kit	6209/6208

*Coming summer 2014!

For Human Specimens

Products	Catalog #
Human Anti-*E. coli*/LPS IgA Antibody Assay Kit	6305/6405
Human Anti-*E. coli*/LPS IgG Antibody Assay Kit	6205/6105
Human Anti-*E. coli*/LPS IgM Antibody Assay Kit	6505/6605