

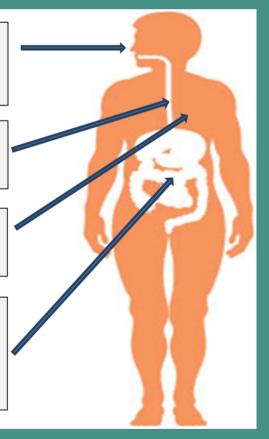
Open Journal of Immunology

Eradication of *S. pneumoniae* in the nasal mucosa leads to methicillin-resistant *S. aureus* occupying the vacated niche and the epidemic rise in community-associated MRSA.

The disappearance of *H. pylori* in the gastric mucosa has been related to the increased appearance of adenocarcinoma and Barrett's esophagus.

Alteration of the TH17-T_{reg} balance in the gastric mucosa is postulated to alter this balance in favor of TH17 cells in lung tissues leading to asthma.

Oral Clindamycin therapy has led directly to the appearance of antibiotic resistant C. difficile and dietary intake of antibiotic residues could alter the gut microflora in favor of the H_2 -producing Prevotellaceae and the H_2 -utilizing Archaea contributing to the epidemic rise in childhood obesity.





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ISSN 2162-450X (print) ISSN 2162-4526 (online)

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The figure on the front cover is from the article published in Open Journal of Immunology, 2012, Vol. 2, No. 2, pp. 59-64 by James D. Thacker and Carol M. Artlett.

Open Journal of Immunology (OJI)

Journal Information

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The *Open Journal of Immunology* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 per issue.

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ISSN 2162-450X (print) ISSN 2162-4526 (online) http://www.scirp.org/journal/oji

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