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Cover photograph (Copyright © 2014, American Society for Microbiology. All Rights Reserved.): Bacteria engaging mucin secreted by goblet cells in the gastrointestinal lumen of mice 24 hours following infection with enterotoxigenic *Escherichia coli* (EPEC) strain H10407 (serotype 078:H11). Following infection with EPEC, intestinal sections were examined by immunofluorescence confocal microscopy. Antibody against MUC2 was used to identify mucin (light blue), and antibody directed at the 078 lipopolysaccharide was used to identify EPEC. Deconvolution of confocal images was performed with the Fiji package of ImageJ v1.48g using the DeconvolutionLab plug-in developed by the Biomedical Imaging Group of Swiss Federal Institute of Technology Lausanne (EPFL) (<http://bigwww.epfl.ch/>). (See related articles on p. 500 and 509.)