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**Putting the Whole Grain Puzzle Together: Health Benefits Associated with Whole Grains—Summary of American Society for Nutrition 2010 Satellite Symposium**

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Cover image: Fluorescence microscopy image of the base of human small intestinal villi extending into the crypts of Lieberkuhn, shown as circular arrangement of enterocytes stained with Draq5 (blue) to reveal their nuclei. Adjacent epithelial cells lining crypt are sealed together by apical tight junction protein complexes containing occludin (red). See Critical Review, pages 769–76 in this issue. Image: Dr. Jurgen Karczewski, Host-Microbe Interactomics Group, Wageningen University, NL, used with permission.