

Shigellosis

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Where is Shigellosis Found?

- ▶ Shigellosis is found through the M-Cells intercepted in the gut epithelia of the small intestine
- ▶ They do not interact with the apical surface of epithelial cells, preferring the basolateral side.



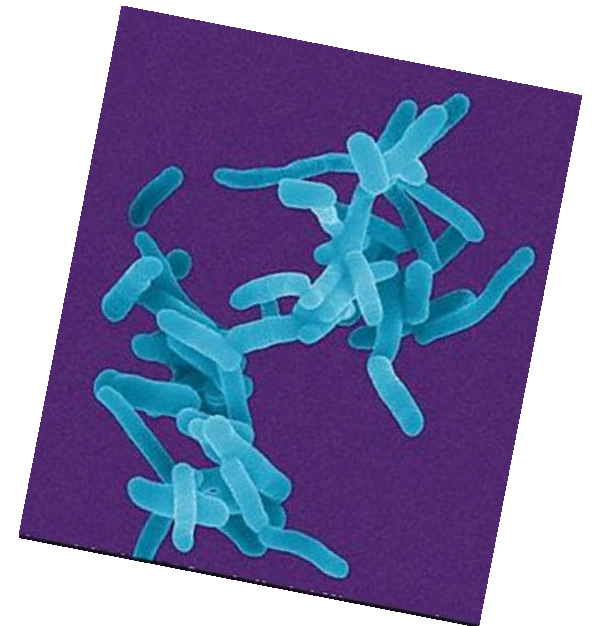
What Are its Sources Food Or Otherwise?

- ▶ Salads (potato, tuna, shrimp, macaroni, and chicken), raw vegetables, milk and dairy products, and poultry. Contamination of these foods is usually through the fecal-oral route. Fecally contaminated water and unsanitary handling by food handlers are the most common cause of contamination.



What Are Symptoms If You Get This Food Borne Illness? How Long Do They Last?

- ▶ Some of the symptoms you will get from Shigellosis is diarrhea (often bloody), fever, and stomach cramps starting a day or two after exposure to the bacteria. Shigellosis usually resolves in 5-7 days.



When Do The Symptoms Appear?

- ▶ You start seeing/ feeling symptoms 2-3 days before you actually get sick



What Can We Do To Outsmart Them?

- ▶ The infection of Shigellosis can be avoided by frequent and careful hand-washing with soapy and hot water.
- ▶ If a child in diapers has Shigellosis, everyone who changes the child's diapers should be sure the diapers are disposed of properly in a closed lid garbage can, and should wash his or her hands and the child's hands carefully with soap and warm water immediately after the diaper has been changed.





THE END