MBB 445



MICROBIAL PATHOGENESIS



Explore the biology of viruses and bacteria and the deadly diseases they cause.

TOPICS

- Viruses
- Bacteria
- Immunology
- Vaccines
- Pandemic
- SARS-COV2
- HIV
- Cholera
- Sexually transmitted diseases
- Virulence factors

INSTRUCTORS

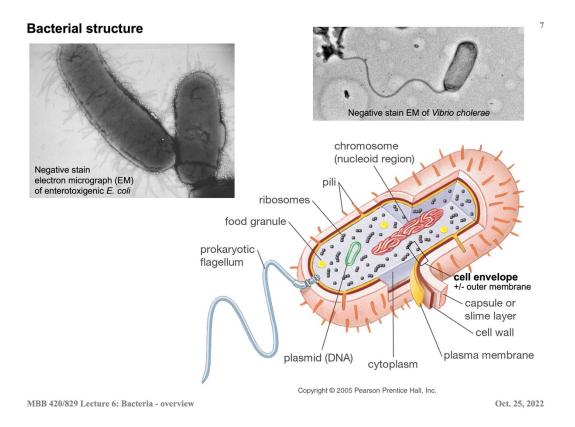


Mark Brockman ~ Virologist, immunologist, hypnotist

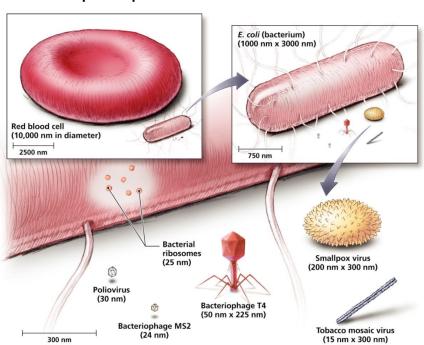


Lisa Craig ~ Structural biologist and magician





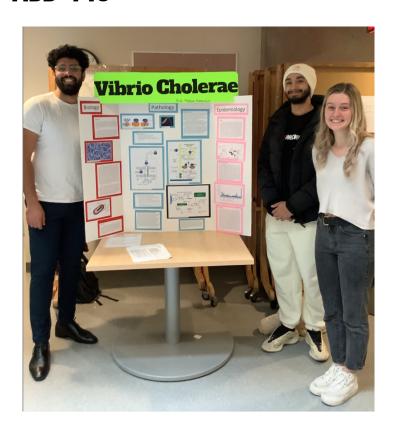
Viruses: small and simple compared to bacteria



Copyright © 2006 Pearson Education, Inc., publishing as Benjamin Cummings.

MBB 445





VACCINES WORK				
DISEASE	- Con	CASES THEN*	CASES NOW**	<u>DECREASE</u>
WHOOPING COUGH		17,777	2,332	87%
MEASLES		53,584	292	99%
MUMPS (36,101	103	99%
RUBELLA	(b)	14,974	1	99%
DIPHTHERIA		8,142	1	33 %
POLIO	Ŕ	2,545	0	100 %

Public Health Agence de la santé publique du Canada

Canadä