

1120LSMC614100

微生物毒性因子

Microbial Virulence Factors

教師：王雯靜時間：星期二 10:00am ~11:00 am

地點：生科二館 213 室

第 週	Topics
1	Introduction
2	The search for Infections Causes of Human Cancers
3	228
4	<i>Helicobacter pylori</i>
5	Vacuolating toxin (VacA)
6	AB-type toxins and pore-forming toxins
7	Cytotoxin-associated antigen (CagA) I
8	Cytotoxin-associated antigen (CagA) II Escherichia coli & heat-labile toxin, verotoxin Shigella dysenteriae & shiga toxin Vibrio cholerae & cholera toxin
9	Mid term
10	Cholesterol- α -glucosyltransferase
11	Infection and inflammation
12	Autophagy
13	Bacillus anthracis & Anthrax toxin Bordetella pertussis & Pertussis toxin Corynebacterium diphtheriae & diphtheria toxin
14	Clostridium tetani & tetanus toxin Clostridium botulinum & botulinum toxin Campylobacter jejuni & cytolethal distending toxin
15	Recent topics on bacterial virulence
16	Final report I
17	Final report II

參考書本:

1. Murray, P. R., Kobayashi, G. S., Pfaller, M. A. & Tenover, K. C. (1994). Medical Microbiology. Wolfe.
2. Alouf, J. E. and Freer, J. H. (1999). Bacterial protein toxins. Academic Press.
3. Evans, A. S. and Brachman, P. S. (1998). Bacterial Infections of Humans. Epidemiology and Control. Plenum Medical

