

LSMC 5353
97年度第一學期
細菌毒素研究

教師：王雯靜
時間：星期一 3:20 pm~6:10 pm
地點：生科二館209室

第 週	日 期	Topics
1	9/15	Introduction
2	9/22	Microbial virulence factors
3	9/29	<i>Helicobacter pylori</i>
4	10/6	Virulence factors of <i>H. pylori</i>
5	10/13	Vacuolating toxin
6	10/20	AB-type toxins and pore-forming toxins
7	10/27	<i>Bacillus anthracis</i> & Anthrax toxin <i>Bordetella pertussis</i> & Pertussis toxin <i>Corynebacterium diphtheriae</i> & diphtheria toxin
8	11/3	<i>Escherichia coli</i> & heat-labile toxin, verotoxin <i>Shigella dysenteriae</i> & shiga toxin <i>Vibrio cholerae</i> & cholera toxin
9	11/10	期中考
10	11/17	<i>Clostridium tetani</i> & tetanus toxin <i>Clostridium botulinum</i> & botulinum toxin
11	11/24	<i>Campylobacter jejuni</i> & cytolethal distending toxin
12	12/1	Pathogen-cell interaction
13	12/8	Phylogenetic perspectives in innate immunity
14	12/15	Secretion machines
15	12/22	Recent topics on bacterial virulence I
16	12/29	Recent topics on bacterial virulence II
17	1/5	Recent topics on bacterial virulence III
18	1/12	期末考

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