

2018 Clinical Microbiology Laboratory

Group A

Date	EXPERIMENTS	Teacher	TA
4/24	W1 Introduction + Check in	蔡佩珍	韋琹、怡馨
4/24	W1 Micrococcaceae (Catalase, Coagulase, Bacitracin, DNase, Mannitol salt agar, Novobiocin, Staphylase test kit) Streptococcaceae (Bile-esculin, 6.5% NaCl, CAMP, Bacitracin, SXT, Hippurate hydrolysis, Optochin, PYR) Aerobic Gram (+) Bacilli (<i>Listeria</i> -Motility, CAMP, Catalase, Hippurate hydrolysis) Antimicrobial susceptibility testing (Kirby-Bauer disk diffusion test)	蔡佩珍	韋琹、怡馨
4/25	W2 Micrococcaceae (observation) Streptococcaceae (observation) Aerobic Gram (+) Bacilli (<i>Listeria</i> -observation, Gram stain), (MOTT & <i>Nocardia</i> - Acid-fast stain & Partially acid-fast stain) Antimicrobial susceptibility testing (observation)	蔡佩珍	韋琹、怡馨
5/7	W1 Enterobacteriaceae (Gram stain, MacConkey, EMB, XLD, Oxidase, TSI, Urease, Citrate, VP, SIM (indole & motility), Phenylalanine deaminase, Decarboxylation (Ornithine, Arginine, Lysine), LIA, Nitrate) Vibrionaceae (<i>Vibrio</i> –TCBS, salt tolerance; <i>Aeromonas hydrophilia</i> -oxidase)	阮振維	庭瑋、祖穎
5/8	W2 Enterobacteriaceae (observation) Vibrionaceae (observation) Vibrionaceae (<i>Campylobacter jejuni</i> -Gram stain, oxidase, motility (wet mount); <i>Helicobacter pylori</i> -Gram stain, urease, catalase, oxidase)	阮振維	庭瑋、祖穎
5/21	W1 Nonfermentative Gram (-) bacilli (TSI, Oxidase, OF-glucose, OF-maltose, Flagellar stain) Neisseriaceae (<i>Neisseria</i> ---Oxidase, CTA-glucose, maltose, sucrose, lactose) Pasteurellaceae (<i>Haemophilus</i> ---X, V factors)	陳呈堯	祖穎、庭瑋
5/22	W2 Nonfermentative Gram (-) bacilli (observation) Neisseriaceae (observation) Pasteurellaceae (observation, β -lactamase)	陳呈堯	祖穎、庭瑋
6/5	W2 Anaerobes (vancomycin, kanamycin colistin, SPS, catalase, spot indole, nitrate test, BBE, CCFA, EYA, CDC blood agar) The Fungi (India ink, Germ tube test, tease mount)	蔡佩珍	怡馨、美婷
6/8	W5 Anaerobes (observation)	蔡佩珍	怡馨、美婷
6/15	W5 Test	蔡佩珍	碩一全體助教
6/19	W1 Discussion + Check out	蔡佩珍	碩一全體助教

- 評分標準:**
1. 態度(20分): 實驗衣、遲到、值日生、報告繳交。
 2. 平時考(20分)及實驗報告(上台預報、結報)(20分)。
 3. 期末技術考試(40分)。

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Group B

Date	EXPERIMENTS	Teacher	TA
4/16	W1 Introduction + Check in	蔡佩珍	明渝、怡馨
4/16	W1 Micrococcaceae (Catalase, Coagulase, Bacitracin, DNase, Mannitol salt agar, Novobiocin, Staphylase test kit) Streptococcaceae (Bile-esculin, 6.5% NaCl, CAMP, Bacitracin, SXT, Hippurate hydrolysis, Optochin, PYR) Aerobic Gram (+) Bacilli (<i>Listeria</i> -Motility, CAMP, Catalase, Hippurate hydrolysis) Antimicrobial susceptibility testing (Kirby-Bauer disk diffusion test)	蔡佩珍	明渝、怡馨
4/17	W2 Micrococcaceae (observation) Streptococcaceae (observation) Aerobic Gram (+) Bacilli (<i>Listeria</i> -observation, Gram stain), (MOTT & <i>Nocardia</i> - Acid-fast stain & Partially acid-fast stain) Antimicrobial susceptibility testing (observation)	蔡佩珍	明渝、怡馨
4/30	W1 Enterobacteriaceae (Gram stain, MacConkey, EMB, XLD, Oxidase, TSI, Urease, Citrate, VP, SIM (indole & motility), Phenylalanine deaminase, Decarboxylation (Ornithine, Arginine, Lysine), LIA, Nitrate) Vibrionaceae (<i>Vibrio</i> –TCBS, salt tolerance; <i>Aeromonas hydrophilia</i> -oxidase)	阮振維	庭瑋、祖穎
5/1	W2 Enterobacteriaceae (observation) Vibrionaceae (observation) Vibrionaceae (<i>Campylobacter jejuni</i> -Gram stain, oxidase, motility (wet mount); <i>Helicobacter pylori</i> -Gram stain, urease, catalase, oxidase)	阮振維	庭瑋、祖穎
5/14	W1 Nonfermentative Gram (-) bacilli (TSI, Oxidase, OF-glucose, OF-maltose, Flagellar stain) Neisseriaceae (<i>Neisseria</i> ---Oxidase, CTA-glucose, maltose, sucrose, lactose) Pasteurellaceae (<i>Haemophilus</i> ---X, V factors)	陳呈堯	祖穎、庭瑋
5/15	W2 Nonfermentative Gram (-) bacilli (observation) Neisseriaceae (observation) Pasteurellaceae (observation, β -lactamase)	陳呈堯	祖穎、庭瑋
5/28	W1 Anaerobes (vancomycin, kanamycin colistin, SPS, catalase, spot indole, nitrate test, BBE, CCFA, EYA, CDC blood agar) The Fungi (India ink, Germ tube test, tease mount)	蔡佩珍	怡馨、伊雯
5/30	W3 Anaerobes (observation)	蔡佩珍	怡馨、伊雯
6/15	W5 Test	蔡佩珍	碩一全體助教
6/19	W2 Discussion + Check out	蔡佩珍	碩一全體助教

- 評分標準:**
1. 態度(20分): 實驗衣、遲到、值日生、報告繳交。
 2. 平時考(20分)及實驗報告(上台預報、結報)(20分)
 3. 期末技術考試(40分)。