NCSC Scientific Officer (Medical) Curriculum Vitae Questionnaire

To help us know you better, please complete this survey and return by email (tl_vetlab@afcd.gov.hk) or fax (2461 8421) before the application deadline stated in the job advertisement. Please ensure that all parts in the form are completed and the information is accurate.

Name of applicant:

H.K.I.D. no.:

Online application no. (if applicable):

	Level of competence (Please ✓ one)				Number of years of experience (Please ✓ one)				
	Highly experienced with ability to solve complex problems and provide training	Able to work independently	Good background knowledge/Can perform with limited assistance	No experience/ Limited knowledge	7+	5-6	1-4	<1	Nil
General Expertise									
(a) Management (Administration/Personnel/Finance)									
(b) Epidemiological Methods/Studies of infectious diseases									
(c) Epidemiological Methods/Studies of antimicrobial resistance									
(d) Biostatistical Analysis									
(e) Critical review of scientific literature									
(f) Drafting scientific manuscripts									
General Laboratory Testing Expertise									
(a) Molecular testing									
(b) Viral culture									
(c) Bacterial culture									
(d) Antimicrobial sensitivity testing									
(e) Serological testing									
(f) Working in a BSL-3 laboratory									
Specialised Molecular Techniques									
(a) Library preparation for Next Generation Sequencing									
(b) Library preparation for Third-Generation (long-read) sequencing									

	Level of competence (Please ✓ one)				Number of years of experience (Please ✓ one)				
	Highly experienced with ability to solve complex problems and provide training	**Able to work independently**	**Good background knowledge/Can perform with limited assistance**	**No experience/ Limited knowledge**	**7+**	**5-6**	**1-4**	**<1**	**Nil**
(c) Molecular cloning/ recombination									
(d) Molecular-based medical/ veterinary diagnostic test development									
(e) Validation of diagnostic test									
Bioinformatics Techniques									
(a) Using Linux based OS									
(b) Coding in the following languages:									
i. R									
ii. Python									
iii. Perl									
(c) Pipeline development									
(d) Phenotypic antimicrobial resistance data analysis									
(e) Genotypic antimicrobial resistance data analysis									
i. Next generation sequencing data									
ii. Sanger sequencing data									
(f) Meta-genomic data analysis									
(g) Proteomics/ transcriptomic data analysis									
(h) Multiomics data analysis									