

The University of Hong Kong
Department of Pathology

Master of Molecular and Diagnostic Pathology
Molecular Pathology Practical Session

Date: February 28, 2026 (Saturday)

Time: 9:00 am - 5:00 pm

Venue: Teaching Laboratory, Room 02-019, Block T, Queen Mary Hospital

Teacher in charge: Prof Judy Yam, Dr Kelvin Chan

Technician in charge: Ms Aki Tse

Research postgraduate student helper:

Group 1	Group 2	Group 3
Dr. Ieong Sio Lei Mr. Chan O Cheung Owen Miss Hui Lok Yung Miss Li Man Ms. Yeung Shu Nga	Mr. Yuen Man Chung Mr. Chan Shing Hin Hugo Mr. Ko Ho Yuk Ms. Li Ying Lam Miss Young Yee Law Vinia	Dr. Ng Ka Man Joanna Mr. Chan Wai Hon Ms. Shahzad Anosha Miss Liu Yingzhi Miss Yu Ching Man
Group 4	Group 5	
Dr. Siy Waldemar Tan Mr. Chon Hok Wai Miss Lee Hiu Ching Mr. Lai Ka Him Ms. Yu Ka Man	Dr. Wang Samuel Sherng Young Miss Fong Suet Ying Miss Leung Hui Ching Miss So Yi Ni Miss Yu Wing Ching	

Prof Khoo: Welcome and brief introduction to the week

AM:	Briefing	
	Extraction of RNA / DNA and set up of RT and PCR reaction	
	RNA extraction 1. Extract RNA from cell culture using QIAamp RNA Blood Mini Kit (Protocol A) Set RT and PCR 2. Set RT reaction with RNA provided [BCR-ABL] (Protocol D) 3. Set PCR reaction with RT reaction product [BCR-ABL] (Protocol E)	DNA extraction 4. Extract DNA from cell culture using QIAamp DNA Blood Kit (Protocol B) Set PCR 5. <u>Set PCR reaction with DNA provided [G6PC] (Protocol E)</u>
PM:	Briefing on agarose gel electrophoresis	
	To check integrity of extracted RNA / DNA	To analyze PCR products size and quality
	6. Load RNA / DNA extracted from whole blood onto agarose gel (Protocol C) 7. Visualize gel image and examine result	8. Load PCR products onto agarose gel (Protocol C) 9. Visualize gel image and examine result

The University of Hong Kong
Department of Pathology

Master of Molecular and Diagnostic Pathology
Molecular Pathology Practical Session

Date: March 1, 2026 (Sunday)

Time: 9:00 am - 5:00 pm

Venue: Teaching Laboratory, Room 02-019, Block T, Queen Mary Hospital

Teacher in charge: Prof Jack Wong

Technician in charge: Ms Joyce Lee

Research postgraduate student helper:

Group 1	Group 2	Group 3
Dr. Jeong Sio Lei Mr. Chan O Cheung Owen Miss Hui Lok Yung Miss Li Man Ms. Yeung Shu Nga	Mr. Yuen Man Chung Mr. Chan Shing Hin Hugo Mr. Ko Ho Yuk Ms. Li Ying Lam Miss Young Yee Law Vinia	Dr. Ng Ka Man Joanna Mr. Chan Wai Hon Ms. Shahzad Anosha Miss Liu Yingzhi Miss Yu Ching Man
Group 4	Group 5	
Dr. Siy Waldemar Tan Mr. Chon Hok Wai Miss Lee Hiu Ching Mr. Lai Ka Him Ms. Yu Ka Man	Dr. Wang Samuel Sherng Young Miss Fong Suet Ying Miss Leung Hui Ching Miss So Yi Ni Miss Yu Wing Ching	

AM:	Briefing
	Formalin-fixed paraffin embedded tissue (FFPE) micro-dissection, DNA sequencing, qPCR
	<ol style="list-style-type: none">1. Set sequencing reaction [G6PC] (Protocol G)2. Demonstrate micro-dissection of FFPE by Annie Chan3. Explain procedure of DNA extraction from FFPE (Protocol F)4. Set qPCR reaction [DLC1] (Protocol H)
PM:	Briefing
	FFPE micro-dissection, analysis of qPCR and DNA sequencing results
	<ol style="list-style-type: none">5. Resolve DNA extracted from FFPE (sample to be provided) using agarose gel electrophoresis6. Practice micro-dissection of FFPE7. Visualize gel image and examine the integrity of the extracted DNA8. Analyze qPCR result and sequencing results9. Demonstrate DNA sequencing result analysis

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Master of Molecular and Diagnostic Pathology
Molecular Pathology Practical Session

Date: March 2, 2026 (Monday)

Time: 9.30 am – 5.00 pm

Venue: Room 035, 6/F, Block T, QMH

Part I: Sequencing interpretation for different molecular tests with individual teachers (ALL students)			
9.30 – 9.40 am	Briefing Session		Prof Judy Yam
9.40 - 10.30 am	BCR-ABL1 kinase domain mutation detection		(Prof Albert Sin to arrange)
Break			
10.50 - 11.40 am	Analysis and interpretation of new tests in lung cancer management		Dr Lo Kong Chan
11.40 - 12.30 pm	Genetic testing for a rare disease		Prof CW Lam
Lunch			
Part II: Lab visit (Rotate 2 groups of 14-15 students per group, to the following 3 activities) (lead by Wai & Andrew)			
	#Group A	#Group B	Gathering Venue
2.00 - 3.00 pm	HBV Q PCR (T06-035 -> T06-041)	Flow cytometry (T06-035 -> T14-004)	Room 035, 6/F, Block T, QMH
3.00 - 4.00 pm	Flow cytometry (T06-041-> T14-004)	HER2 FISH and HPV (T14-004 -> T10-034)	
4.00 - 5.00 pm	HER2 FISH and HPV (T14-004 -> T10-034)	HBV Q PCR (T10-034 ->T06-035-> T06->041)	
HBV Q PCR (T06-041) by Dr Danny Wong Flow cytometry (T14-004) by Dr Ricky Ip HER2 FISH and HPV testing (T10-034) by Ms Obe Tsun			

Group List for Part II

Group A (students)
Dr. Jeong Sio Lei
Mr. Chan O Cheung Owen
Miss Hui Lok Yung
Miss Li Man
Ms. Yeung Shu Nga
Mr. Yuen Man Chung
Mr. Chan Shing Hin Hugo
Mr. Ko Ho Yuk
Ms. Li Ying Lam
Miss Young Yee Law Vinia
Dr. Ng Ka Man Joanna
Mr. Chan Wai Hon
Mr. Lai Ka Him

Group B (students)
Miss Liu Yingzhi
Miss Yu Ching Man
Dr. Siy Waldemar Tan
Mr. Chon Hok Wai
Miss Lee Hiu Ching
Ms. Shahzad Anosha
Ms. Yu Ka Man
Dr. Wang Samuel Sherng Young
Miss Fong Suet Ying
Miss Leung Hui Ching
Miss So Yi Ni
Miss Yu Wing Ching

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Master of Molecular and Diagnostic Pathology
Molecular Pathology Laboratory Visit

Date: March 3, 2026 (Tuesday)

Time: 10.00 am – 4.30 pm

For each lab visit, please arrive 15 minutes prior to the schedule for registration.

Part I: Anatomical Pathology Molecular Visit				
Meet up venue: Room 035, 6/F, Block T, QMH				
10.00 – 10.30 am	*Group 1			Dr LK Chan
10.30 – 11.00 am		*Group 2		Dr LK Chan
11.00 – 11.30 am			*Group 3	Dr LK Chan
<i>Lunch</i>				
Part II: Visit to Hong Kong Genome Institute (lead by Prof US Khoo (TBC))				
Meet up venue: Room 035, 6/F, Block T, QMH				
1.00 pm	Meet up at Room T06-035, QMH. Transport arrangement to HKGI			Prof US Khoo (TBC)
2.10 pm	Both Group A and Group B join in Meeting Room of HKGI			Mr Kevin Ho
2.15 - 2.35 pm	Welcome and Introduction of HKGI			Mr Kevin Ho
2.35 – 3.00 pm	#Group A Guided Lab Tour			Mr Kevin Ho
3.00 – 3.25 pm		#Group B Guided Lab Tour		Mr Kevin Ho
3.25 – 4.25 pm	Lecture			Dr Amy Tong, Dr Brian Chung
4.30 pm	Transport arrangement back to QMH			Prof US Khoo (TBC)

March 3, 2026 (Tuesday)

*** Group List for Part I**

Group 1 (students)	Group 2 (students)	Group 3 (students)
Dr. Ieong Sio Lei	Ms. Li Ying Lam	Mr. Chon Hok Wai
Mr. Chan O Cheung Owen	Miss Young Yee Law Vinia	Miss Lee Hiu Ching
Miss Hui Lok Yung	Dr. Ng Ka Man Joanna	Ms. Shahzad Anosha
Miss Li Man	Mr. Chan Wai Hon	Ms. Yu Ka Man
Ms. Yeung Shu Nga	Mr. Lai Ka Him	Dr. Wang Samuel Sherng Young
Mr. Yuen Man Chung	Miss Liu Yingzhi	Miss Fong Suet Ying
Mr. Chan Shing Hin Hugo	Miss Yu Ching Man	Miss Leung Hui Ching
Mr. Ko Ho Yuk	Dr. Siy Waldemar Tan	Miss So Yi Ni
		Miss Yu Wing Ching

Group List for Part II

Group A (students)
Dr. Ieong Sio Lei
Mr. Chan O Cheung Owen
Miss Hui Lok Yung
Miss Li Man
Ms. Yeung Shu Nga
Mr. Yuen Man Chung
Mr. Chan Shing Hin Hugo
Mr. Ko Ho Yuk
Ms. Li Ying Lam
Miss Young Yee Law Vinia
Dr. Ng Ka Man Joanna
Mr. Chan Wai Hon
Mr. Lai Ka Him

Group B (students)
Miss Liu Yingzhi
Miss Yu Ching Man
Dr. Siy Waldemar Tan
Mr. Chon Hok Wai
Miss Lee Hiu Ching
Ms. Shahzad Anosha
Ms. Yu Ka Man
Dr. Wang Samuel Sherng Young
Miss Fong Suet Ying
Miss Leung Hui Ching
Miss So Yi Ni
Miss Yu Wing Ching

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Master of Molecular and Diagnostic Pathology
Molecular Pathology Laboratory Visit

Date: March 4, 2026 (Wednesday)

Time: 9.30 am – 6.00 pm

For each lab visit, please arrive 15 minutes prior to the schedule for registration.

Part I: Haematology Lab visit (lead by Andrew)				
Meet up venue: Room 035, 6/F, Block T, QMH				
9.30 – 10.00 am	*Group 1			(Prof Albert Sin to arrange)
Part II: Visit to Centre for PanorOmic Sciences (lead by Mr Wai Kong) (ALL students)				
Meet up venue: Room 035, 6/F, Block T, QMH				
1.30 pm	Meet up at T06-035, QMH Walk down to LT2, William M.W. Mong Block			Mr Wai Kong
2.00 – 4.00 pm	Briefing Session			Dr Hin Kwok
	Visit CPOS Centre			Dr Hin Kwok
Part III: Chemical Pathology Lab visit (lead by Prof Annie Cheung & Gigi)				
Meet up venue: Room 035, 6/F, Block T, QMH				
5.00 – 5.30 pm	#Group A			Dr Jacky Ling
5.30 – 6.00 pm		#Group B		Dr Jacky Ling

* Group List for Part I

Group 1 (students)
Dr. Ieong Sio Lei
Mr. Chan O Cheung Owen
Miss Hui Lok Yung
Miss Li Man
Ms. Yeung Shu Nga
Mr. Yuen Man Chung
Mr. Chan Shing Hin Hugo
Mr. Ko Ho Yuk

#Group List for Part III:

Group A (students)
Dr. Ieong Sio Lei
Mr. Chan O Cheung Owen
Miss Hui Lok Yung
Miss Li Man
Ms. Yeung Shu Nga
Mr. Yuen Man Chung
Mr. Chan Shing Hin Hugo
Mr. Ko Ho Yuk
Ms. Li Ying Lam
Miss Young Yee Law Vinia
Dr. Ng Ka Man Joanna
Mr. Chan Wai Hon
Mr. Lai Ka Him

Group B (students)
Miss Liu Yingzhi
Miss Yu Ching Man
Dr. Siy Waldemar Tan
Mr. Chon Hok Wai
Miss Lee Hiu Ching
Ms. Shahzad Anosha
Ms. Yu Ka Man
Dr. Wang Samuel Sherng Young
Miss Fong Suet Ying
Miss Leung Hui Ching
Miss So Yi Ni
Miss Yu Wing Ching

**The University of Hong Kong
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**Master of Molecular and Diagnostic Pathology
Molecular Pathology Laboratory Visit**

Date: March 5, 2026 (Thursday)

Time: 9.30 am – 4.15 pm

For each lab visit, please arrive 15 minutes prior to the schedule for registration.

Part I: Haematology Lab visit (lead by Wai)				
Meet up venue: Room 035, 6/F, Block T, QMH				
9.30 – 10.00 am		*Group 2		(Prof Albert Sin to arrange)
Part II: Immunology Lab visit (lead by Prof Annie Cheung)				
Meet up venue: Room 035, 6/F, Block T, QMH				
11.00 - 12.00 pm	^1 Group only (MMDP7010 students only)			Dr Ricky Ip
Lunch				
Part III: Histopathology Lab visit (lead by Wai & Andrew)				
Meet up venue: Room 035, 6/F, Block T, QMH				
2.30 – 3.15 pm	#Group A			Dr Tony Shek
3.30 – 4.15 pm			#Group B	Dr Tony Shek

March 5, 2026 (Thursday)

* Group List for Part I

Group 2 (students)
Ms. Li Ying Lam
Miss Young Yee Law Vinia
Dr. Ng Ka Man Joanna
Mr. Chan Wai Hon
Mr. Lai Ka Him
Miss Liu Yingzhi
Miss Yu Ching Man
Dr. Siy Waldemar Tan

^ Group List for Part II (MMDP7010 students only)

MMDP7010 (students)
Mr. Chon Hok Wai
Miss Hui Lok Yung
Dr. Ieong Sio Lei
Miss Liu Yingzhi
Dr. Ng Ka Man Joanna
Dr. Siy Waldemar Tan
Miss Yu Ching Man
Ms. Yu Ka Man

Group List for Part III

Group A (students)
Dr. Ieong Sio Lei
Mr. Chan O Cheung Owen
Miss Hui Lok Yung
Miss Li Man
Ms. Yeung Shu Nga
Mr. Yuen Man Chung
Mr. Chan Shing Hin Hugo
Mr. Ko Ho Yuk
Ms. Li Ying Lam
Miss Young Yee Law Vinia
Dr. Ng Ka Man Joanna
Mr. Chan Wai Hon
Mr. Lai Ka Him

Group B (students)
Miss Liu Yingzhi
Miss Yu Ching Man
Dr. Siy Waldemar Tan
Mr. Chon Hok Wai
Miss Lee Hiu Ching
Ms. Shahzad Anosha
Ms. Yu Ka Man
Dr. Wang Samuel Sherng Young
Miss Fong Suet Ying
Miss Leung Hui Ching
Miss So Yi Ni
Miss Yu Wing Ching

**The University of Hong Kong
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**Master of Molecular and Diagnostic Pathology
Molecular Pathology Laboratory Visit**

Date: March 6, 2026 (Friday)

Time: 9.30 am – 7.00 pm

For each lab visit, please arrive 15 minutes prior to the schedule for registration.

Part I: Haematology Lab visit (lead by Prof Annie Cheung)				
Meet up venue: Student Lab 02-019, 2/F, Block T, QMH				
9.30 – 10.00 am			*Group 3	(Prof Albert Sin to arrange)
Part II: Tsan Yuk Hospital Lab visit (lead by Gigi)				
Meet up venue: Student Lab 02-019, 2/F, Block T, QMH				
5.30 pm	Meet up at Room T02-019, QMH. Transport arrangement to Tsan Yuk Hospital			Ms Gigi Cheung
6.00 – 6.30 pm	#Group A			Ms Winnie Lam
6.30 – 7.00 pm		#Group B		Ms Winnie Lam
Dismiss at Tsan Yuk Hospital				

*** Group List for Part I**

Group 3 (students)
Mr. Chon Hok Wai
Miss Lee Hiu Ching
Ms. Shahzad Anosha
Ms. Yu Ka Man
Dr. Wang Samuel Sherng Young
Miss Fong Suet Ying
Miss Leung Hui Ching
Miss So Yi Ni
Miss Yu Wing Ching

Group List for Part II

Group A (students)
Dr. Ieong Sio Lei
Mr. Chan O Cheung Owen
Miss Hui Lok Yung
Miss Li Man
Ms. Yeung Shu Nga
Mr. Yuen Man Chung
Mr. Chan Shing Hin Hugo
Mr. Ko Ho Yuk
Ms. Li Ying Lam
Miss Young Yee Law Vinia
Dr. Ng Ka Man Joanna
Mr. Chan Wai Hon
Mr. Lai Ka Him

Group B (students)
Miss Liu Yingzhi
Miss Yu Ching Man
Dr. Siy Waldemar Tan
Mr. Chon Hok Wai
Miss Lee Hiu Ching
Ms. Shahzad Anosha
Ms. Yu Ka Man
Dr. Wang Samuel Sherng Young
Miss Fong Suet Ying
Miss Leung Hui Ching
Miss So Yi Ni
Miss Yu Wing Ching