

Helminth Bioinformatics, Asia 28 June-2 July 2021 (virtual)

COURSE TIMETABLE

Introduction zoom link: <https://sanger.zoom.us/j/97659665733?pwd=N3EwNjluV1RSOXU5Y1k0aDk5andhQT09>

Time	Session	Content	Instructors	Session Format	AC Staff
Friday 25 June 2021					
07:30-09:30 BST 13:30-15:30 ICT	0	WCS Courses Intro - 10 mins Instructors and assistants intro - 10 mins Participant intro - 60 mins Intro lecture by Matt Berriman plus Q&A - 25 mins (Title: 'Towards a chromosomal view of schistosome genome evolution') Ice-breaker activity - 10 mins Other announcements - 5 mins	All	Zoom group session	YT;MA;AM

World clock link <https://www.timeanddate.com/worldclock/> - please double check your local time

Key

Instructors

Anna Protasio (AP)
Arporn (Koi) Wangiwatsin (AW)
Faye Rodgers (FR)
Heerman Sandra Kumar (HSK)
Isheng (Jason) Tsai (IT)
Jutarop Phetcharaburanin (JP)
Kevin Howe (KH)
Matt Berriman (MB)
Sarah Geiger (SG)
Steve Doyle (SD)
Sirinya Sittirak (SS)

Advanced Courses Staff

Martin Aslett (MA)
Alice Matimba (AM)
Yvonne Thornton (YT)
Isabela Malta (IM)

Course zoom link: <https://sanger.zoom.us/j/93756173422?pwd=T1FEMk92SU1JSEVHaU9peVQ4ZktmZz09>

Time	Session	Content	Folder for computer practicals	Instructors	Session format	AC Staff
Monday 28 June 2021						
07:00-08:30 BST 13:00-14:30 ICT	01	WormBase Parasite 1	/home/manager/Module_1_WormBaseParasite_1	FR; KH	Lecture & practical	YT; MA; AM
15 minutes		Break				
08:45-10:15 BST 14:45-16:15 ICT	01	WormBase Parasite 1 (continued)		FR; KH		YT; MA
10:15-10:45 BST 16:15-16:45 ICT	A	SEMINAR: Vicky Hunt	'The genomic basis of parasitism in Strongyloides nematodes.'	VH	Lecture	YT; AM; IM
30 minutes		Meal break				
11:15-12:45 BST 17:15-18:45 ICT	02	UNIX	/home/manager/Module_2_Linux_scripting	SS; MA	Lecture & practical	NS; MA; IM
15 minutes		Break				
13:00-14:15 BST 19:00-20:15 ICT	02	UNIX (continued)		SS; MA		NS; MA; IM
14:15-14:30 BST 20:15-20:30 ICT		Wrap up		All		NS; MA; IM

Time	Session	Content	Folder for computer practicals	Instructors	Session format	AC Staff
Tuesday 29 June 2021						
07:00-08:30 BST 13:00-14:30 ICT	03	WormBase Parasite 2	/home/manager/Module_3_WormBaseParasite_2	FR; KH	Lecture & practical	YT; MA; AM
15 minutes		Break				
08:45-10:15 BST 14:45-16:15 ICT	03	WormBase Parasite 2 (continued)		FR; KH		YT; MA
10:15-10:45 BST 16:15-16:45 ICT	B	SEMINAR: Taisei Kikuchi	'Basics and recent advances of reference genome construction'		Lecture	YT; AM; IM
30 minutes		Meal break				
11:15-12:45 BST 17:15-18:45 ICT	04	Project introduction and planning		All	Lecture & practical	NS; MA; IM
15 minutes		Break				
13:00-14:15 BST 19:00-20:15 ICT	05	R and R Studio	/home/manager/Module_5_R_and_Rstudio	IT; SD	Lecture & practical	NS; MA; IM
14:15-14:30 BST 20:15-20:30 ICT		Wrap up		All		NS; MA; IM

Time	Session	Content	Folder for computer practicals	Instructors	Session format	AC Staff
Wednesday 30 June 2021						
07:00-08:30 BST 13:00-14:30 ICT	05	R and R Studio (continued)	/home/manager/Module_5_R_and_Rstudio	IT; SD		YT; MA; AM
15 minutes		Break				
08:45-10:15 BST 14:45-16:15 ICT	05	R and R Studio (continued)		IT; SD		YT; MA; AM
10:15-10:45 BST 16:15-16:45 ICT	C	SEMINAR: Jason Tsai	'Comparative transcriptomics of parasitic nematodes'		Lecture	YT; IM
30 minutes		Meal break				
11:15-12:45 BST 17:15-18:45 ICT	06	Genome Variation	/home/manager/Module_6_Genetic_Variation	IT; SD	Lecture & practical	NS; MA; IM
15 minutes		Break				
13:00-14:15 BST 19:00-20:15 ICT	06	Genome Variation (continued)		IT; SD		NS; MA; IM
14:15-14:30 BST 20:15-20:30 ICT		Wrap up		All		NS; MA; AM; IM

Time	Session	Content	Folder for computer practicals	Instructors	Session format	AC Staff
Thursday 1 July 2021						
07:00-08:30 BST 13:00-14:30 ICT	07	Transcriptomics	/home/manager/Module_7_Transcriptomics	AW; AP	Lecture & practical	YT; MA; AM
15 minutes		Break				
08:45-10:15 BST 14:45-16:15 ICT	07	Transcriptomics (continued)		AW; AP		YT; MA; AM
10:15-10:45 BST 16:15-16:45 ICT	D	SEMINAR: Steve Doyle	'Population genomics of ancient and modern <i>Trichuris trichiura</i> '		Lecture	YT; IM
30 minutes		Meal break				
11:15-12:45 BST 17:15-18:45 ICT	07	Transcriptomics (continued)		AW; AP		NS; MA; IM
15 minutes		Break				
13:00-14:15 BST 19:00-20:15 ICT	07	Transcriptomics (continued)		AW; AP		NS; MA; IM
14:15-14:30 BST 20:15-20:30 ICT		Wrap up		All		NS; MA; IM

Time	Session	Content	Folder for computer practicals	Instructors	Session format	AC Staff
Friday 2 July 2021						
07:00-08:30 BST 13:00-14:30 ICT	08	Project	/home/manager/Module_8_Project (*)	All		YT; MA;
15 minutes		Break				
08:45-10:15 BST 14:45-16:15 ICT	08	Project (continued)		All		YT; MA;
10:15-10:45 BST 16:15-16:45 ICT	E	SEMINAR: Opal Pitaksakulrat	'The population structure and genetic diversity of <i>Opisthorchis viverrini</i> sensu lato in Thailand and Lao PDR using mitochondrial DNA and microsatellite markers.'		Lecture	YT; AM; IM
30 minutes		Meal break				
11:15-12:45 BST 17:15-18:45 ICT	08	Project and presentations		All		YT; MA; AM; IM
15 minutes		Break				
13:00-14:15 BST 19:00-20:15 ICT	08	Project and presentations (continued)		All		YT; MA; AM; IM
14:15-14:30 BST 20:15-20:30 ICT		Wrap up		All		YT; MA; AM; IM