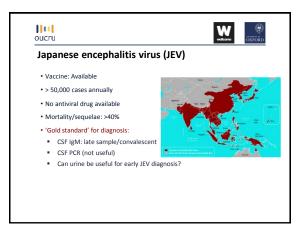


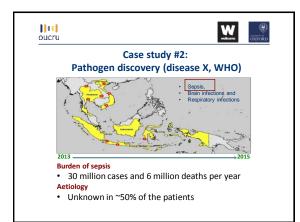


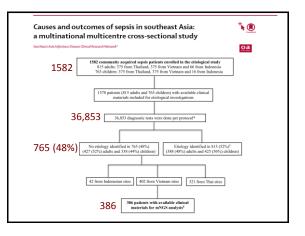
					W	(D)
	Addit	ional JE	V testi	ng		
Test	Adm	nission san	nples	Second	d samples later)	(15 days
	CSF	plasma	Urine	CSF	Serum	Urine
JEV IgM ELISA	Neg	Neg	ND	Pos	Pos	ND
Deep Sequencing	Neg	Neg	Pos	ND	ND	ND
JEV RT-PCR	Neg	Neg	Pos	ND	ND	Neg

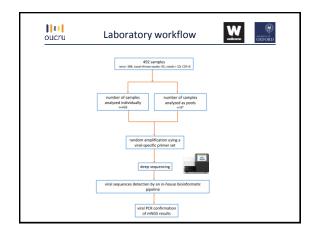
• JEV was responsible for the cause of paralysis.

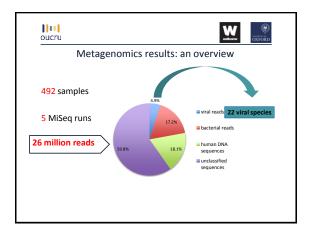
 9th November 2016: transferred to rehab hospital, marked with weakness of all limbs.

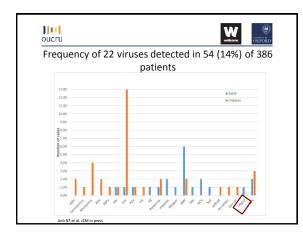


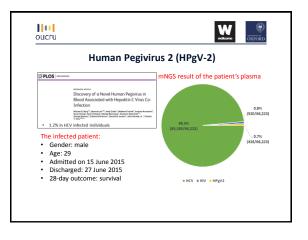








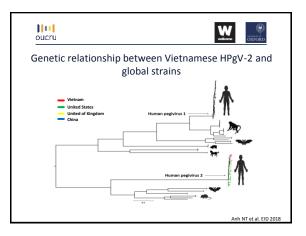






coinf		'ietnam		
HIV	Healthy volunteers	HCV	HAV	HBV
infection		infection	infection	infection
0/78	0/80	0/394	0/71	0/103
(0%)	(0%)	(0%)	(0%)	(0%)
	infection	infection volunteers	infection volunteers infection	infection volunteers infection infection
	0/78	0/78 0/80	0/78 0/80 0/394	0/78 0/80 0/394 0/71

coinfection					
Sample ID	Sera collected after 14 days	Sera collected after 6 months	after 12 months	Sera collecter after 18montl	
1	negative	NA	NA	NA	
2	NA	positive	positive	positive	
3	NA	positive	positive	positive	
4	NA	positive	positive	positive	
5	NA	positive	positive	negative	
6	NA	positive	negative	negative	



In summary

- HPgV-2 is tightly associated with HCV and HIV infection. BUT...
 - How does it interact with HCV/HIV (e.g. treatment response) in co-infected patients (the clinical significance)?
 - What are the underlying biological factors determining the association between HPgV-2 and HCV/HIV?
- Urine sample can be useful for early diagnosis of Japanese encephalitis virus
- Next-generation sequencing can be a sensitive pan-pathogen assay for clinical diagnosis, especially cases of unknown cause, and therefore is an ideal method for EID. BUT its clinical sensitivity and specificity remains unknown.

