

### In-Vivo Models Workshop – 1 October 2019 – Melbourne, Australia

ICE-HBV welcome and introductions	T. Jake Liang	8:30-8:40
What we learned about HBV pathogenesis and immune intervention in chimpanzees, woodchucks and immunocompetent transgenic mice	Luca G. Guidotti	8:40-9:15
Comparison of the Adeno-HBV, the AAV-HBV and the HBVtg mouse models	Ulla Protzer	9:15-9:50
<i>Break</i>		
Hydrodynamic injection mouse model	Pei-Jer Chen	10:05-10:25
Mouse models based on stem cell derived hepatocytes/FAH	Alexander Ploss	10:25-10:45
Human liver chimeric mice and their application for drug assessment	Maura Dandri	10:45-11:20
Liver and immune system humanized mouse models to study pathophysiology and therapeutics.	Hélène Strick Marchand	11:20 – 11:55
<i>Lunch Break</i>		
Mouse with humanized NTCP	Wenhui Li	13:00-13:20
Towards a mouse model susceptible to HBV infection- overcoming the barrier to cccDNA formation.	Jianming Hu	13:20-13:35
Macaque with human NTCP for HBV infection	Ben Burwitz	13:35-13:55
Industry perspective in most wanted features for HBV animal models	Scott Balsitis	13:55-14:30
Panel Discussion (facilitation by T. Jake Liang)	All speakers	14:30-15:10
Closing	Hélène Strick Marchand & Wenhui Li	15h10-15h30