

The 6th ICE-HBV “HBV cure symposium” at the International HBV Meeting

Genome and epigenome editing to target the HBV reservoir

Chairs: Teresa Pollicino (Messina, Italy) and Fabien Zoulim (Lyon, France)

September 12th – 8.30 to 11.30 am CET – Berlin, Germany

The symposium will cover the genome and epigenome technologies to target the HBV reservoir including cccDNA and integrated sequences. A session on the viral reservoir and biomarkers assessment will introduce the symposium. The symposium will have 6 short talks. Finally, a presentation on the knowledge gaps and clinical perspectives will introduce the round table discussion of 30 min at the end.

Welcome & Opening Remarks Fabien Zoulim and Teresa Pollicino (5 min)

- 1) The viral reservoir in the liver and assessment challenges in CHB and CHD** (20 min: 15 min + 5 min discussion) Maura Dandri (Hamburg, Germany)
- 2) Genome editing technologies** (60 min: 10 min + 5 min questions for each talk)
 - a) *PBGENE-HBV for the treatment of chronic hepatitis B*. Emilie Harrison (Precision, USA)
 - b) *Base editors for HBV and HDV*. Anuj Kumar (Lyon, France) (in collaboration with Beam Therapeutics)
 - c) *HBV RNA targeting with Cas13*. Margaret Littlejohn (Melbourne, Australia)
 - d) *tbd (EBT-107 for HBV - Excision, USA)*

Coffee break (15 min)

- 3) Epigenome editing technologies** (30 min: 10 min + 5 min questions for each talk)
 - e) *CRMA-100: epigenetic editing for hepatitis B and D cure*. Tracy McGregor (nChroma Bio, USA)
 - f) *The Hepatitis B epigenetic silencer Tune-401*. Brian Cosgrove (Tune Therapeutics, USA)

4) Knowledge gaps to advance clinical development of gene and epigenome editing (10 min) Fabien Zoulim (Lyon, France) (introduction to the roundtable)

5) Round table discussion (30 min):

Closing Remarks (5 min) – Fabien Zoulim and Teresa Pollicino