International Transporter Consortium (ITC) Workshop 3 – Transporters in Drug Development Pre-conference

Monday, March 13, 2017 – Tuesday, March 14, 2017
Omni Shoreham Hotel, Washington, DC
Session 7 : Panel Discussion
Reflections of Meeting

• Significant progress since 2010
  – 2015 NDAs had >400 assays covering 21 different transporters
  – Question: When we meet in 2 to 4 years, what might be different?
• HIV is very complicated, and prediction of DDIs still a challenge.
  – Still uncertainties as highlighted with DTG
• Pgp: impact on intestinal absorption and CNS induction
  – Unsure Pgp plays a major role in intestinal absorption as there are many example where the NCE has high efflux intro but has high fa
  – Pgp induction in the CNS is unlikely (based on J. Unakat’s rifampicin data)
• IC50 variation
  – We always run a full IC50 curve for test article and positive control so we can calibrate that study.