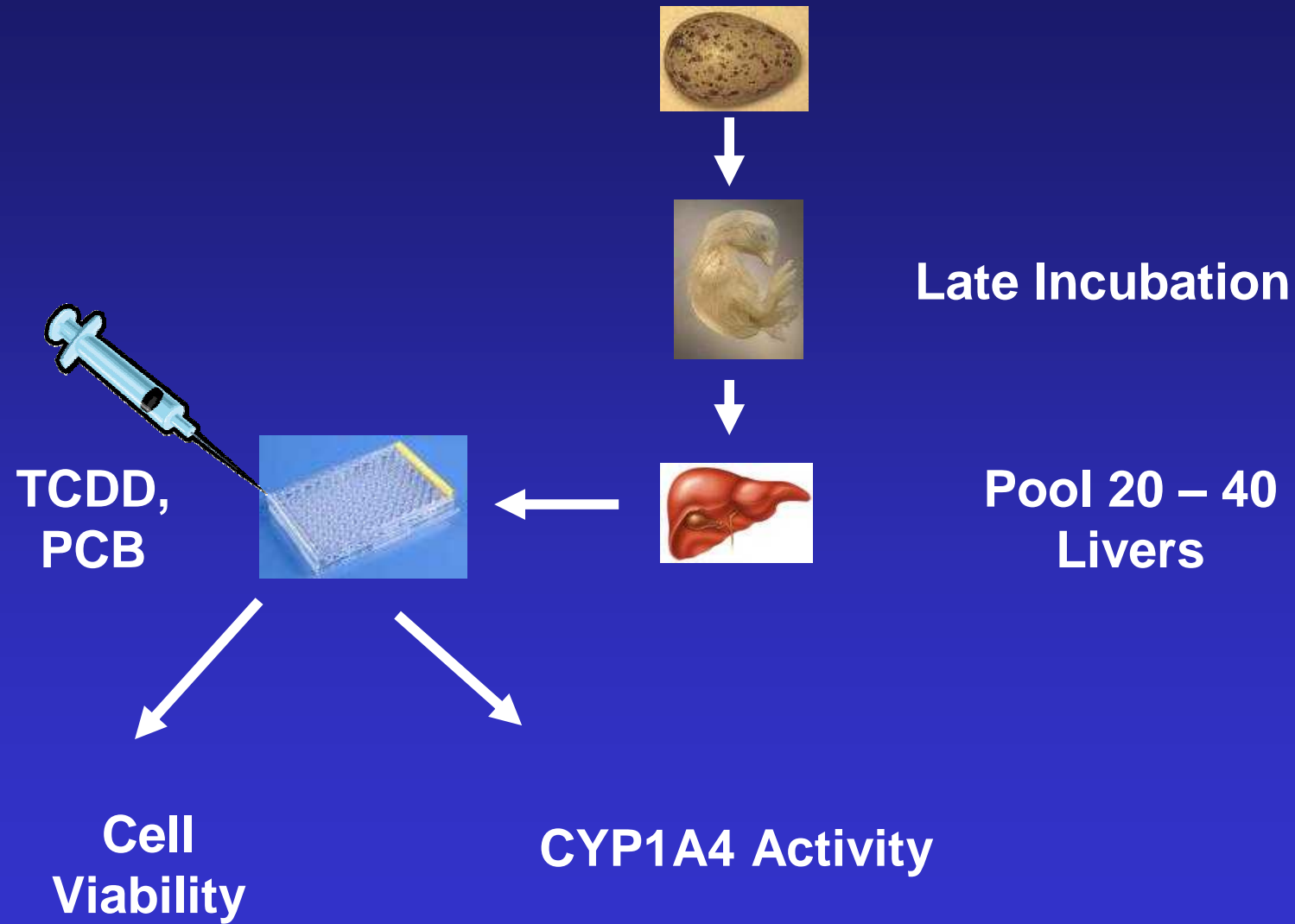


Avian Hepatic Cultures



Avian Hepatocyte Cultures

- Gulls, Terns, Bald Eagle, Cormorant, Pheasant, Chicken, etc. (12 species)

General Conclusion:

The sensitivity to cytochrome P450 1A4 (CYP1A4) induction in primary hepatocyte cultures of a species is predictive of the sensitivity of that species to *in ovo* toxic effects of dioxins and PCBs

Kennedy *et al.* (1996) *Toxicol. Appl. Pharmacol.* 141: 214-230

Kennedy *et al.* (2003) *Ecotoxicology* 12: 163-170

Karchner, Franks, Kennedy, Hahn – role of the nucleotide sequence of the ligand binding domain of the AHR – *submitted.*