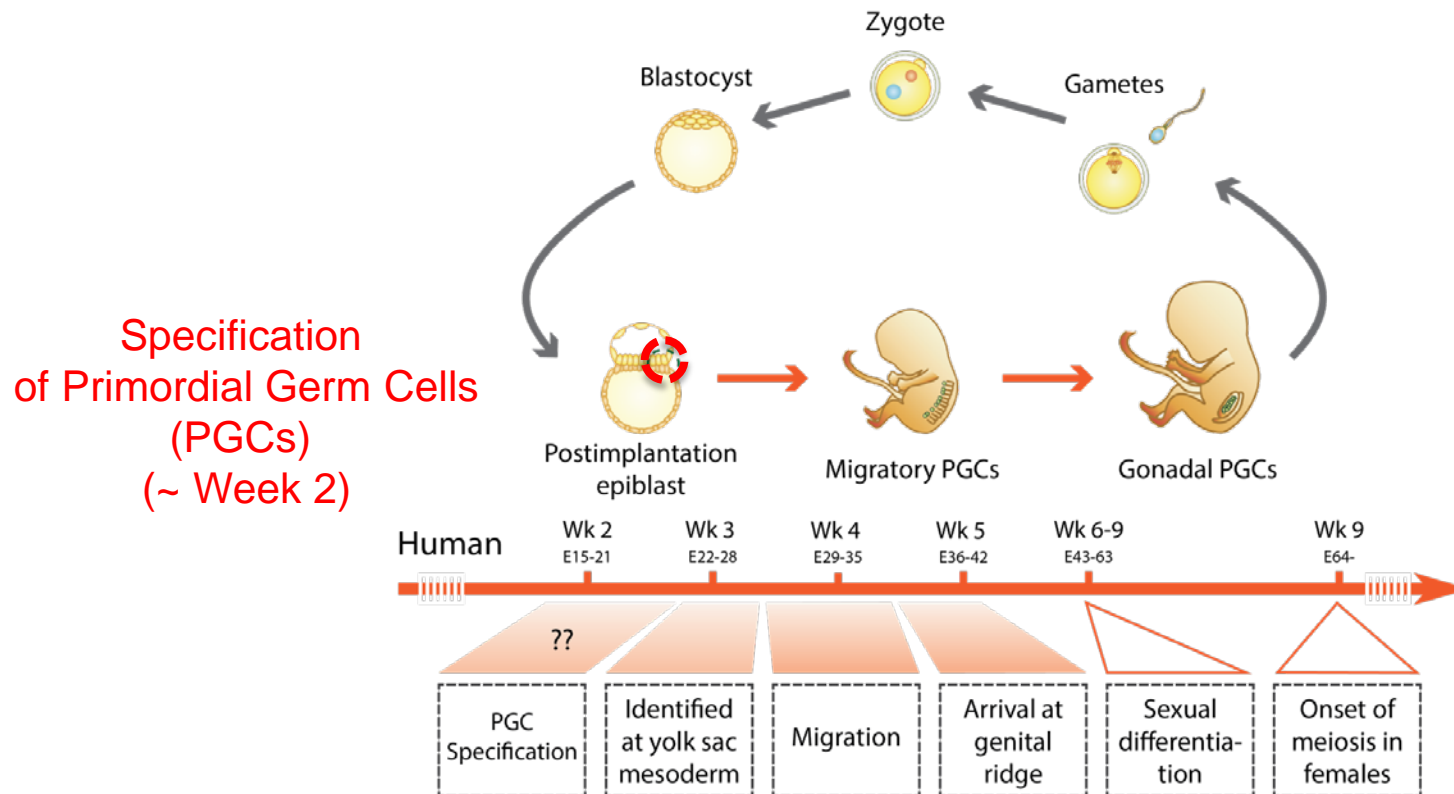


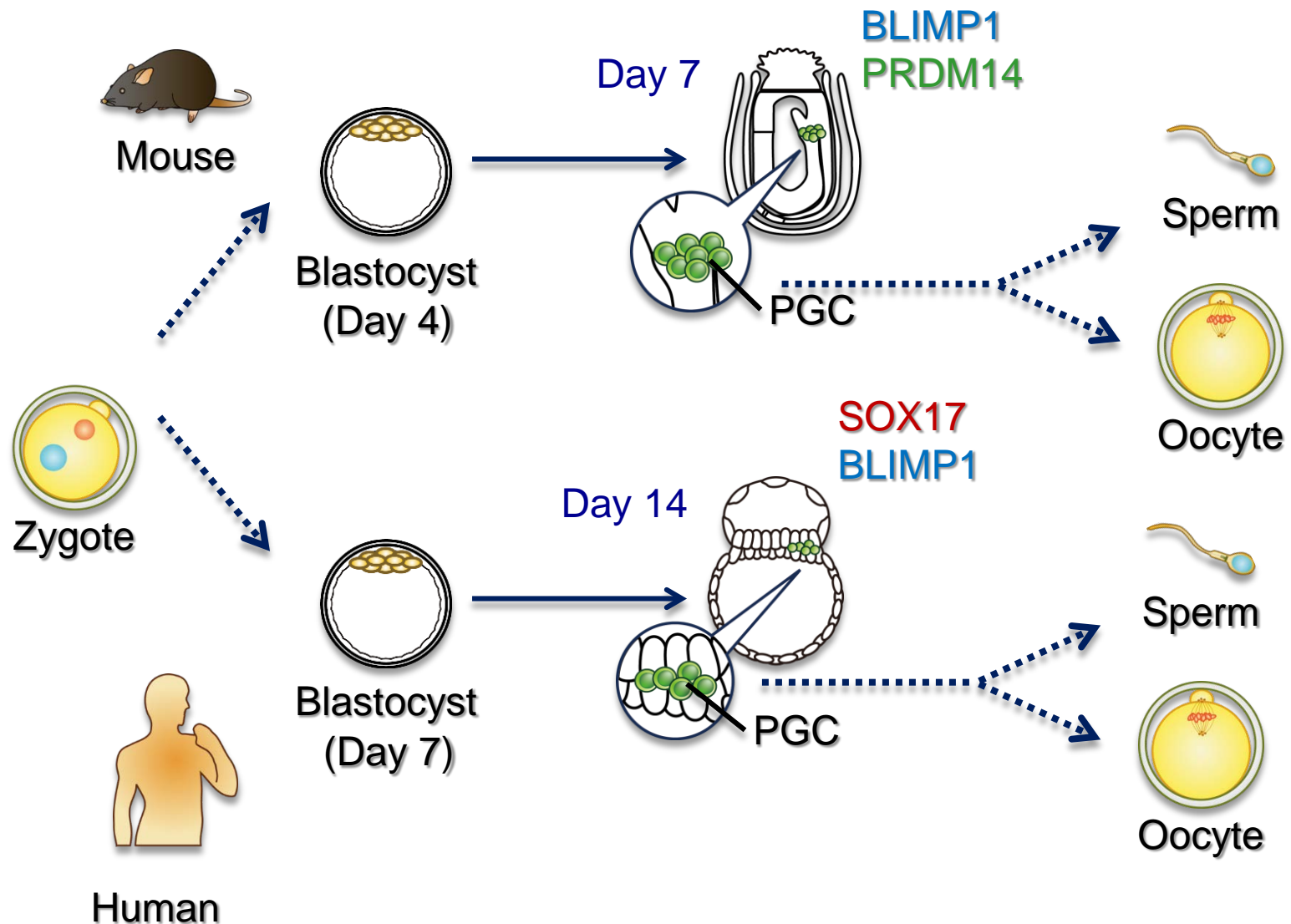
# Human Germline Cycle

## Exploring Derivation of Germ Cells from Pluripotent Stem Cells



*Azim Surani*  
*Director of Germline and Epigenomics Research*  
*University of Cambridge*

# Origin of primordial germ cells (PGC) specification

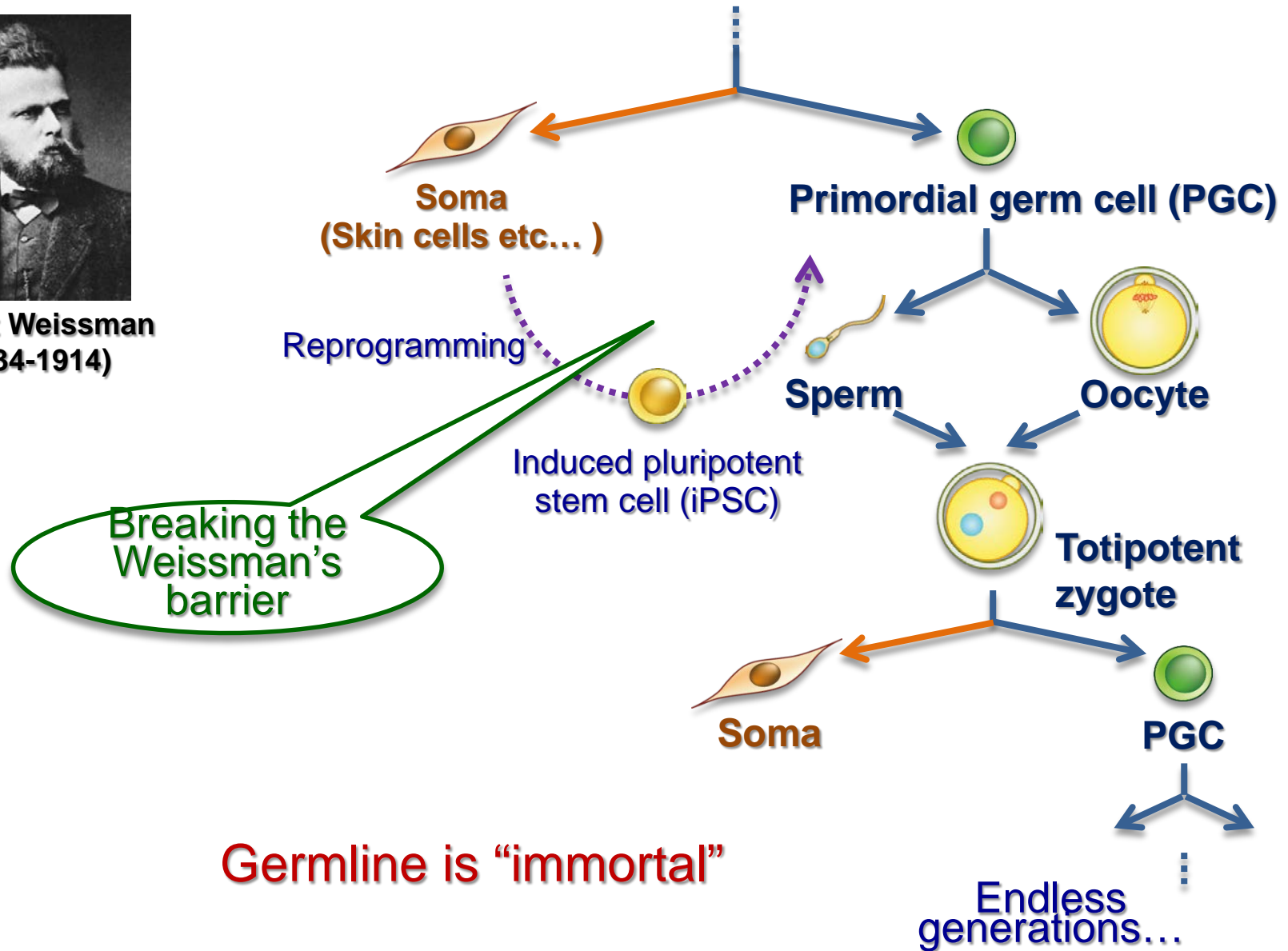


Mechanism of PGC specification is not conserved between mouse and human

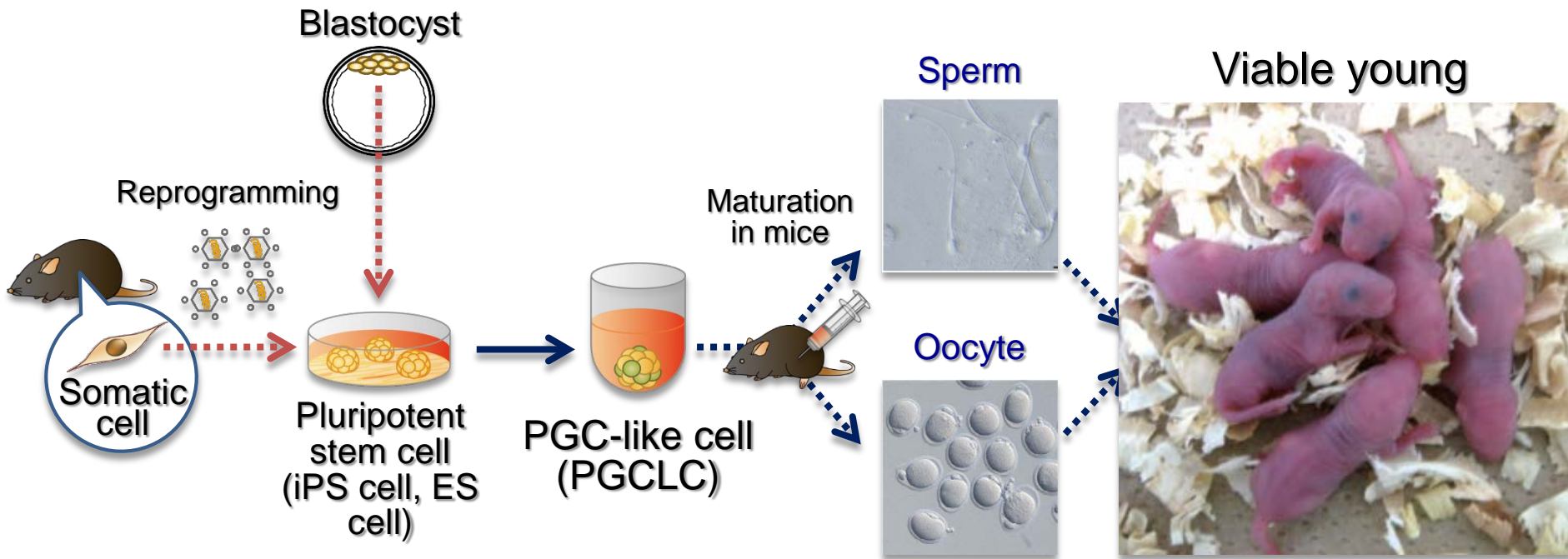
# Germ Cells versus Soma



August Weissman  
(1834-1914)



# Making gametes from mouse induced pluripotent stem cells



Viable gametes and live young generated from mouse induced pluripotent stem cells

# Human primordial germ cells (PGCs) from induced pluripotent stem cells

