Decision tree for projects involving human embryonic stem cells (hESCs) or their derivatives

1) Is campus Stem Cell Research Oversight Committee (SCRO) approval in place?

   Yes
   
   Will the research team obtain materials from humans to create hESCs lines (e.g., through the donation of embryos)?
   
   Yes
   
   Submit IRB application (full review)
   
   No
   
   Will hESCs, or their derivatives, be implanted, transplanted into, or administered to humans by the research team?
   
   Yes
   
   Submit IRB application (full review)
   
   No
   
   Can the research team trace the hESCs back to the donor(s)?
   
   Yes
   
   Submit IRB application (full review)
   
   No
   
   Are the hESCs available from a commercial source?
   
   Yes
   
   IRB application not required; research does not involve human subjects
   
   No
   
   Submit IRB application (exemption review)

2) Is an expected effect that human cells will be integrated into the central nervous system, tissues, or ovaries of a non-human animal?

Decision tree for projects involving human pluripotent stem cells (hPSCs) from a non-embryonic source or their derivatives

Is campus Stem Cell Research Oversight Committee (SCRO) approval in place?

   Yes
   
   Will the research team obtain materials from humans to create hPSCs (e.g., through the collection of tissue)?
   
   Yes
   
   Submit IRB application (full review)
   
   No
   
   Will hPSCs, or their derivatives, be implanted, transplanted into, or administered to humans by the research team?
   
   Yes
   
   Submit IRB application (full review)
   
   No
   
   Can the research team trace the hPSCs back to the person from whom they were derived?
   
   Yes
   
   Submit IRB application (full review)
   
   No
   
   Are the hPSCs available from a commercial source?
   
   Yes
   
   IRB application not required; research does not involve human subjects
   
   No
   
   Submit IRB application (exemption review)

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