

Derivation of embryonic stem cells from SMA affected embryos

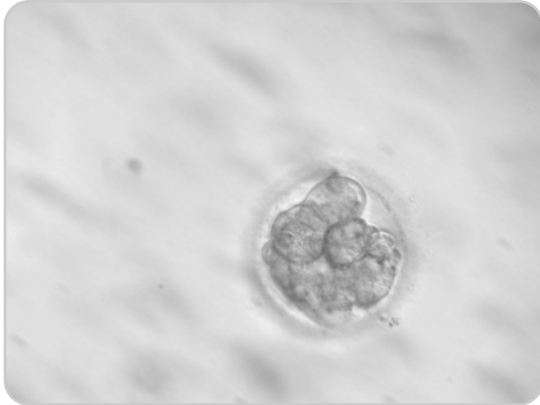
A collaboration between GIVF and the Harvard Stem Cell Institute

John Dimos and Kevin Eggan

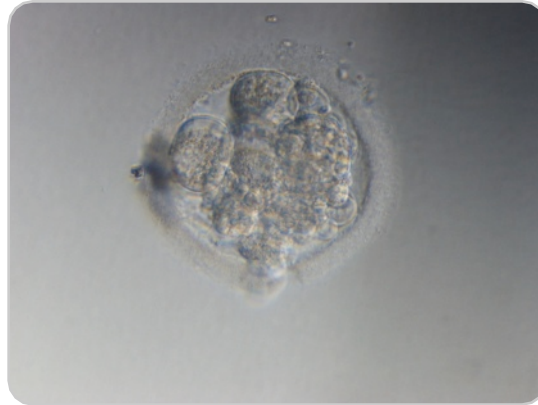
07 March 07



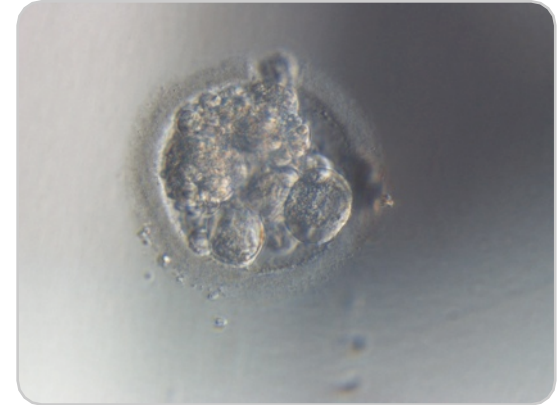
Derivation of embryonic stem cells from SMA affected embryos



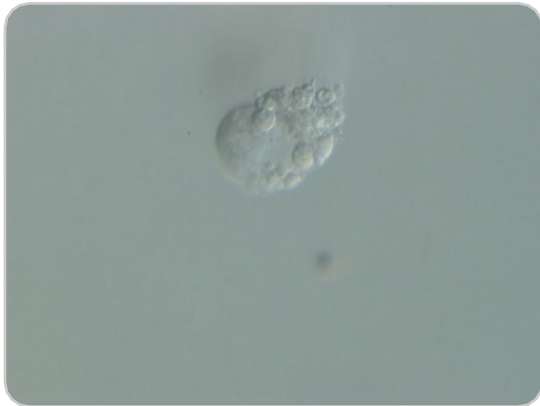
Embryo 1A
before transport



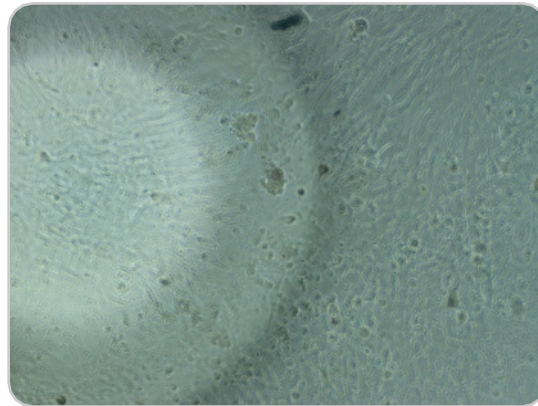
Embryo 1A
after transport



Embryo 1A
after 16 hr culture

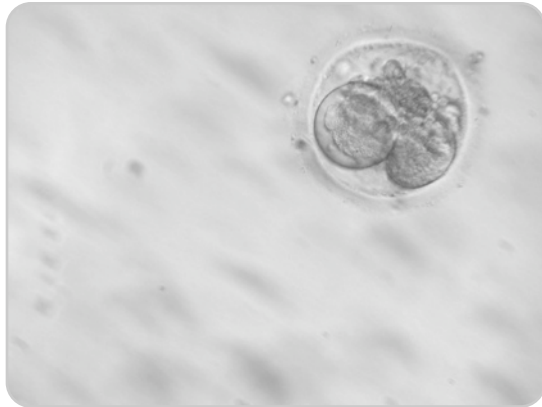


Embryo 1A
zona pellucida removal

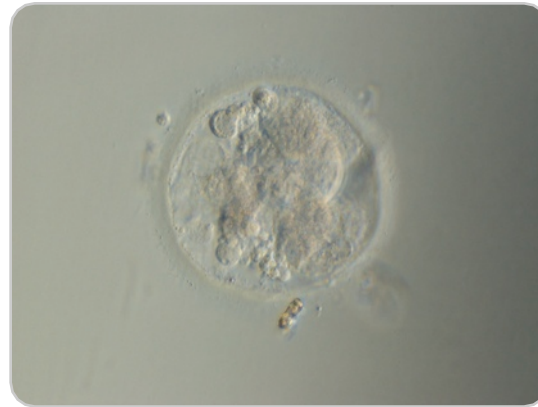


Embryo 1A
fragments plated of MEF feeder cells

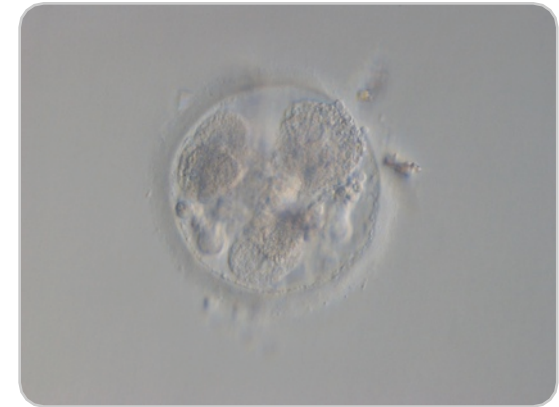
Derivation of embryonic stem cells from SMA affected embryos



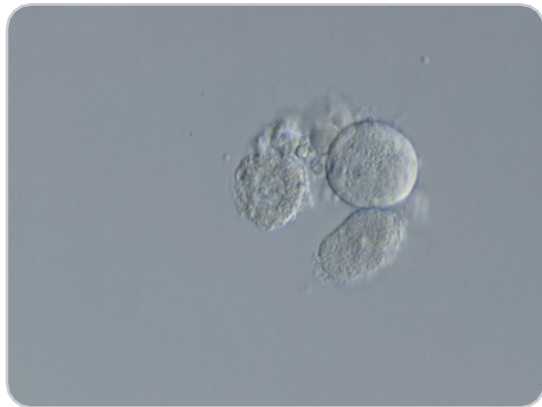
Embryo 11A
before transport



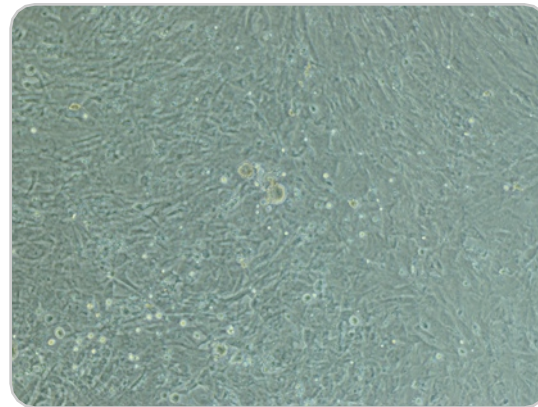
Embryo 11A
after transport



Embryo 11A
after 16 hr culture

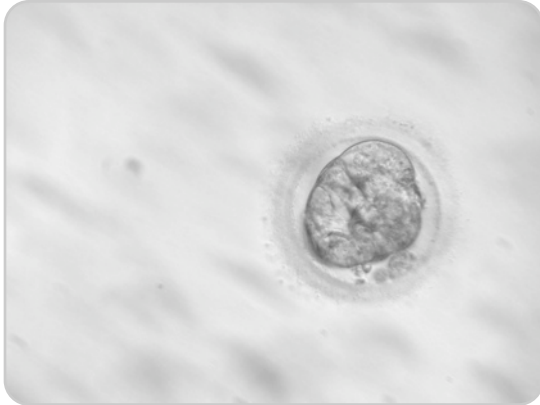


Embryo 11A
zona pellucida removal



Embryo 11A
fragments plated on MEF feeder cells

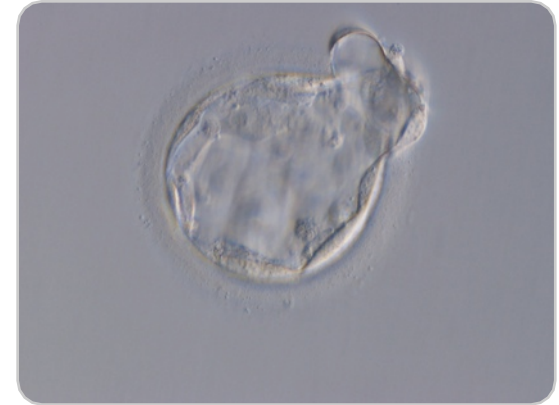
Derivation of embryonic stem cells from SMA affected embryos



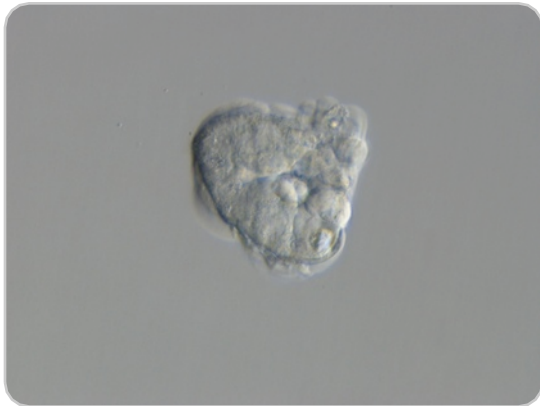
Embryo 16A
before transport



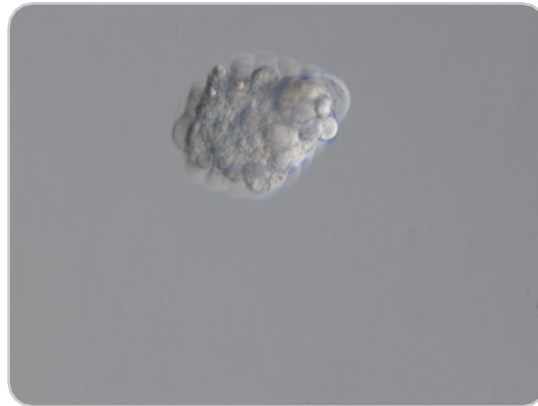
Embryo 16A
after transport



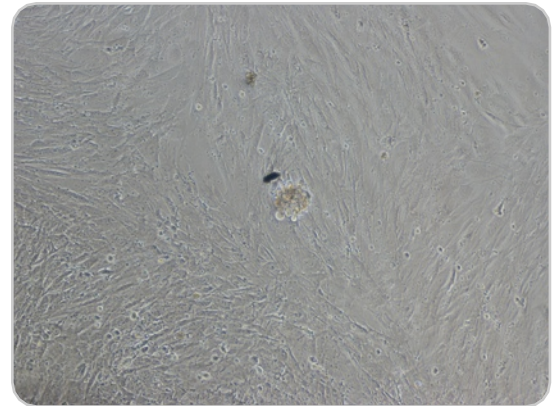
Embryo 16A
after 16 hr culture



Embryo 16A
zona pellucida removal

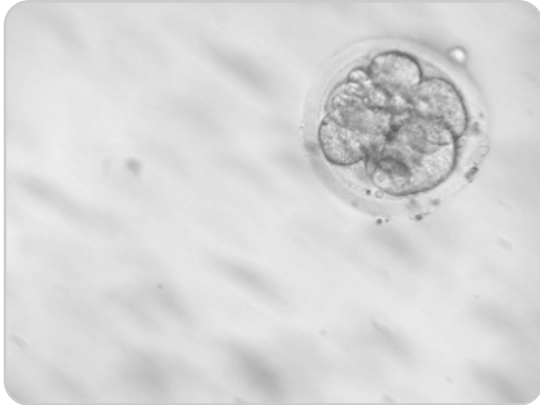


Embryo 16A
after immuno-surgery

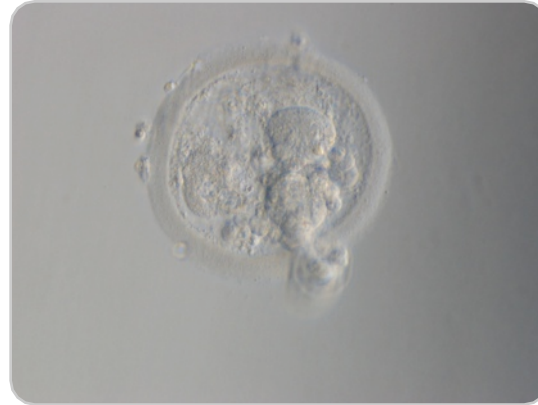


Embryo 16A
fragments plated on MEF feeder cells

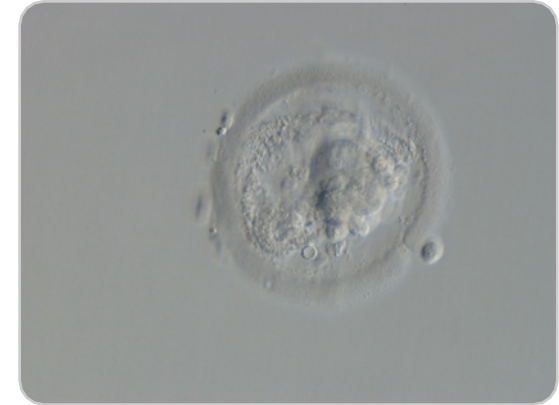
Derivation of embryonic stem cells from SMA affected embryos



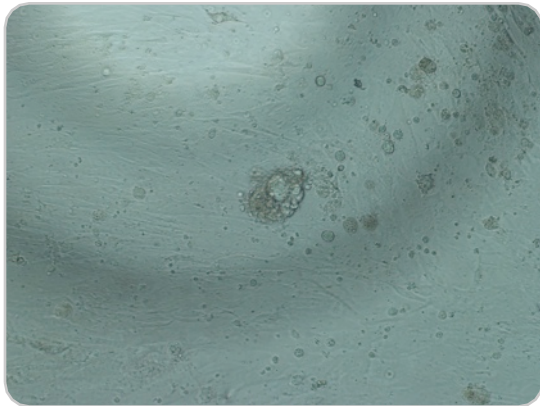
Embryo 11B
before transport



Embryo 11B
after transport

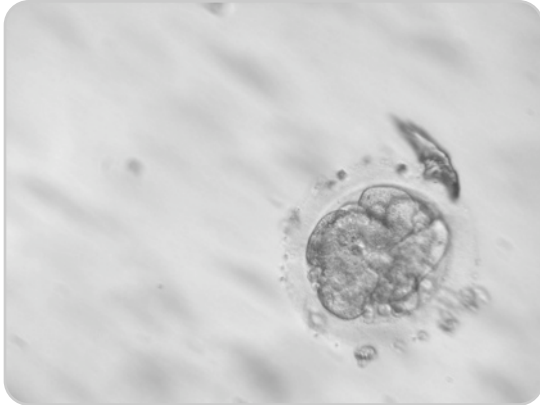


Embryo 11B
after 16 hr culture

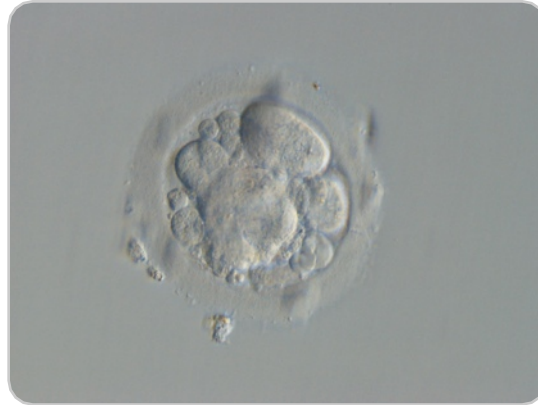


Embryo 11B
fragments plated on MEF feeder cells

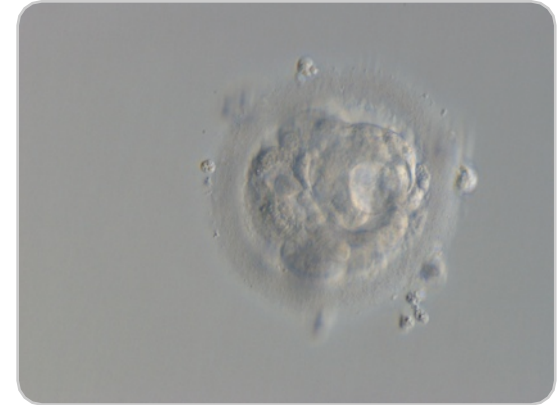
Derivation of embryonic stem cells from SMA affected embryos



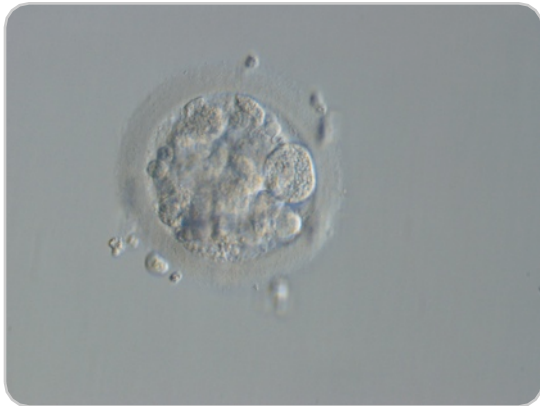
Embryo 14B
before transport



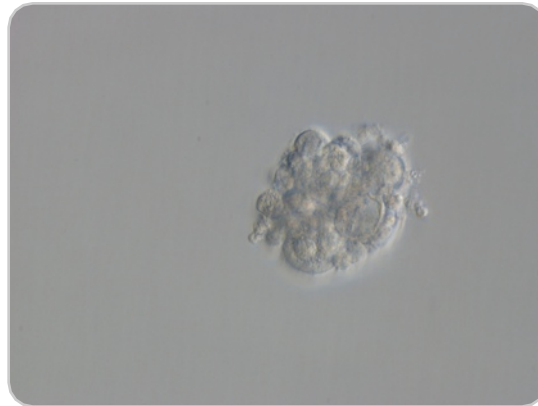
Embryo 14B
after transport



Embryo 14B
after 16 hr culture

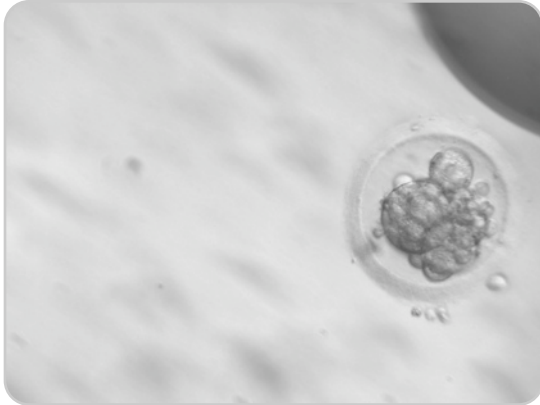


Embryo 14B
after additional 20 hr culture

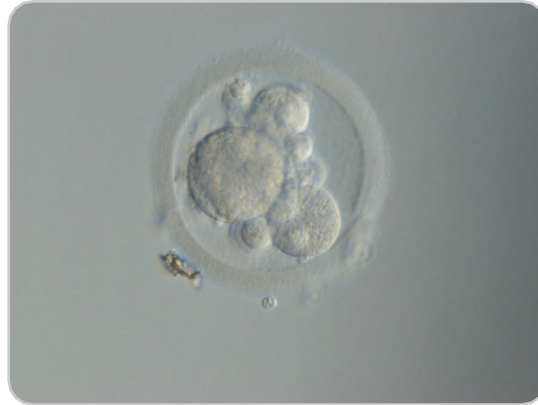


Embryo 14B
zona pellucida removal

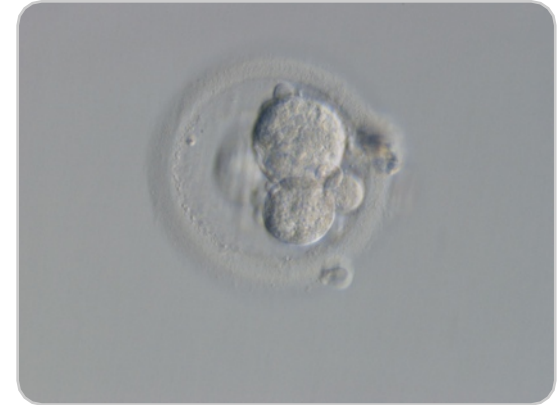
Derivation of embryonic stem cells from SMA affected embryos



Embryo 16B
before transport

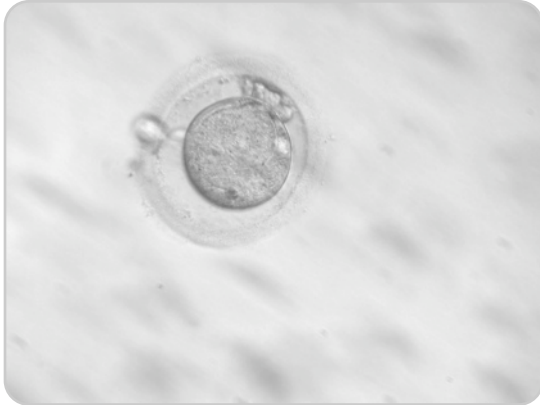


Embryo 16B
after transport

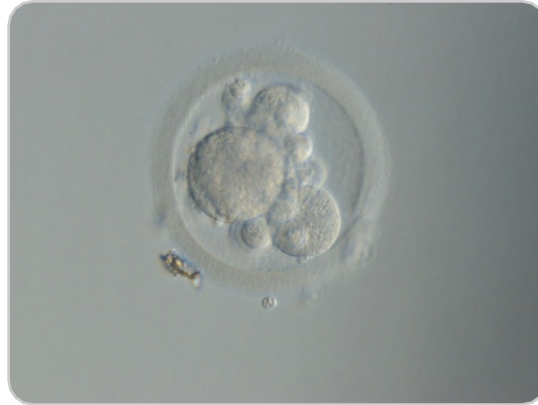


Embryo 16B
after 16 hr culture

Derivation of embryonic stem cells from SMA affected embryos



Embryo 2B
before transport

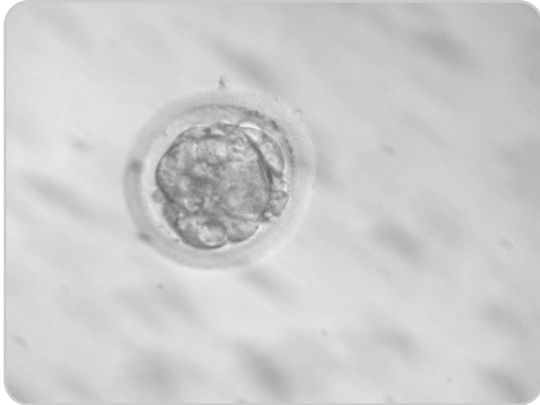


Embryo 2B
after transport



Embryo 2B
after 16 hr culture

Derivation of embryonic stem cells from SMA affected embryos



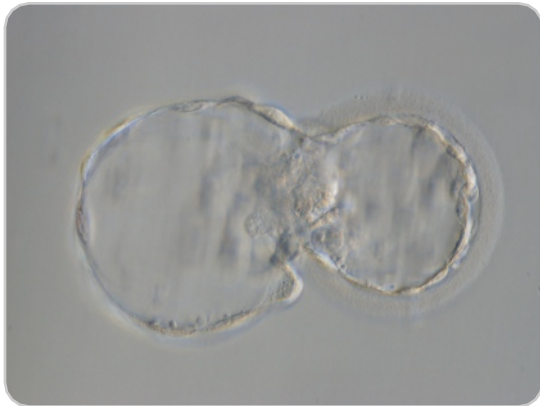
Embryo 5B
before transport



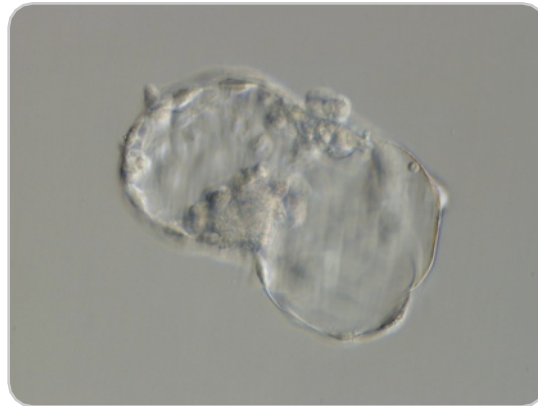
Embryo 5B
after transport



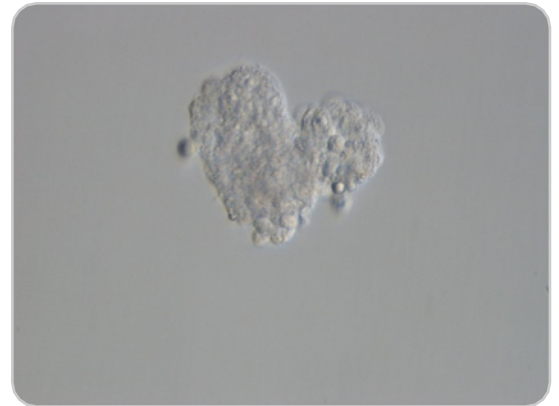
Embryo 5B
after 16 hr culture



Embryo 5B
after additional 20 hrs culture

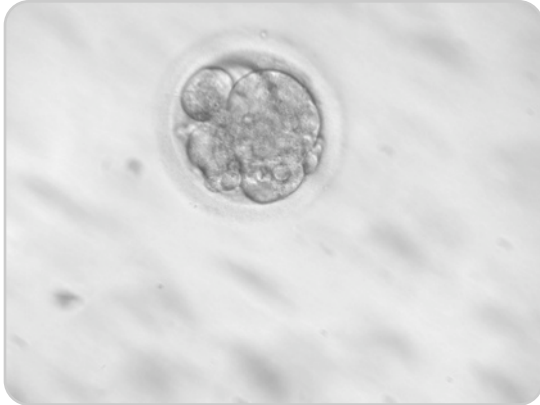


Embryo 5B
zona pellucida removal

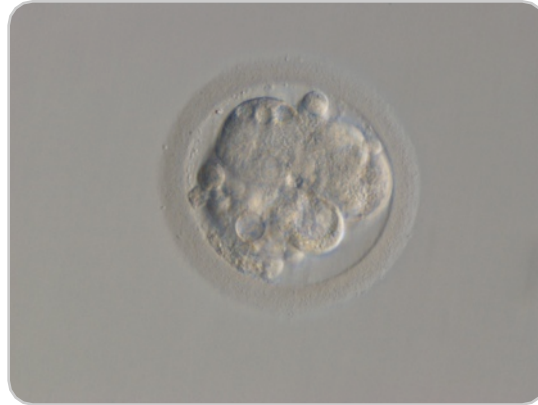


Embryo 5B
after immuno-surgery before plating

Derivation of embryonic stem cells from SMA affected embryos



Embryo 6B
before transport



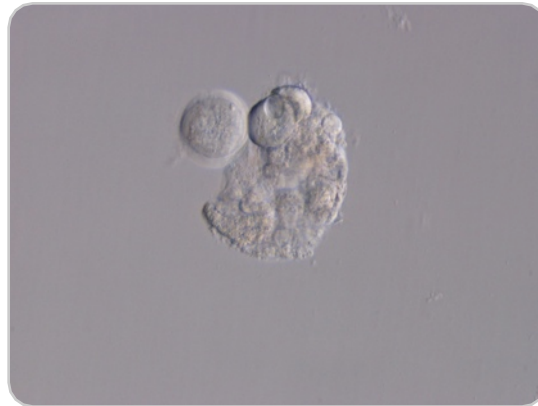
Embryo 6B
after transport



Embryo 6B
after 16 hr culture

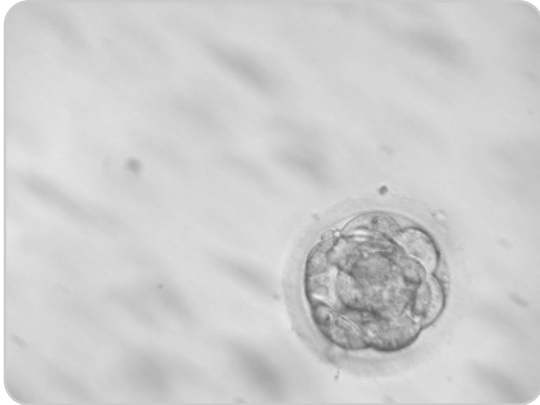


Embryo 6B
after additional 20 hr culture



Embryo 6B
zona pellucida removal

Derivation of embryonic stem cells from SMA affected embryos



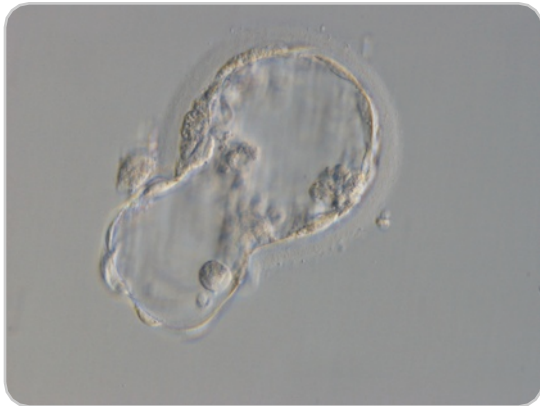
Embryo 8B
before transport



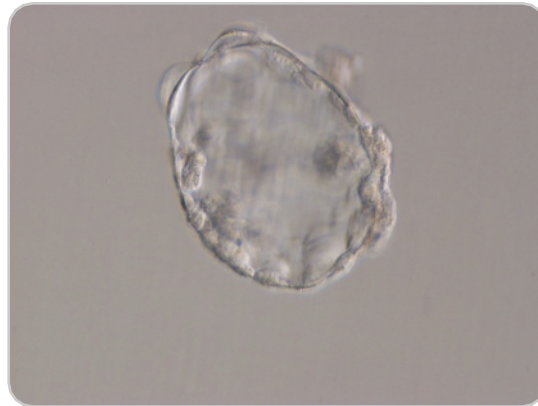
Embryo 8B
after transport



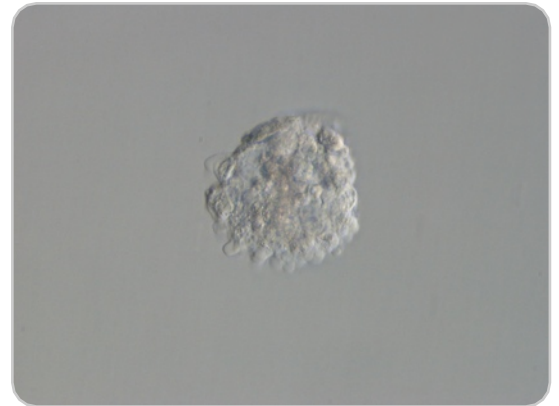
Embryo 8B
after 16 hr culture



Embryo 8B
after additional 20 hr culture



Embryo 8B
zona pellucida removal



Embryo 8B
after immuno-surgery before plating