

# **Conclusiones**

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- 1) El test de Azul de Cresol Brillante es un método eficaz de selección de ovocitos inmaduros de cabras prepúberes con mayor competencia para la producción de embriones in vitro.
- 2) El Factor de Crecimiento Epidérmico, como base de un medio de MIV químicamente definido, proporciona una tasa de desarrollo in vitro de los ovocitos de cabras prepúberes inferior a la obtenida en presencia de suero y hormonas.
- 3) No se ha podido detectar la presencia de receptores de Factor de Crecimiento Epidérmico en las células de la granulosa de los ovarios de cabras prepúberes.
- 4) La adición de cisteamina o  $\beta$ -mercaptoetanol al medio de MIV promueve la capacidad de los ovocitos de cabras prepúberes para descondensar la cabeza del espermatozoide e incrementar la tasa de fecundación normal.
- 5) La presencia de cisteamina en el medio de MIV mejora la producción de blastocistos a partir de ovocitos de cabras prepúberes.
- 6) Los ovocitos de cabras prepúberes en estadio de metafase II poseen un mayor contenido de glutatión intracelular que los ovocitos inmaduros.
- 7) La selección de ovocitos mediante el test de Azul de Cresol Brillante, y su posterior maduración en un medio suplementado con cisteamina, es un sistema eficaz de obtención de ovocitos maduros para la PIV de embriones de cabras prepúberes.

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