

Elton Humphery
Secretary to Senate Community Affairs Committee

Dear Mr. Humphery,

re: Legislative responses to recommendations of the Lockhart Review

In response to the requests of the Committee for documentation relating to the Inquiry into Legislative Responses to the Recommendations of the Lockhart Review, I enclose the following information.

1. Justification of the credentials of the Lockhart Committee and its recommendations.

Statement by Graham Jenkin:

"The American Medical Association, the California Medical Association and a group of 80 Nobel Laureates each independently reviewed the potential stem cell science and reached similar conclusions. What is more, these independent reviewers fully agreed with the Lockhart Committee's key positions".

Quoted from interview with Bob Klein, Chairman, California Institute for Regenerative Medicine - Weekend Australian October 21-22, 2006, 28 Inquirer (copy attached).

2. Alternatives to the use of embryos for the generation of pluripotent stem cells:

a) Cell Fusion:

- * Tada et al. 2001, Current Biology 11: 1553-1558 (copy attached)
- * Tada T. Nuclear reprogramming: an overview. Methods Mol Biol. 2006, 348: 227-236.

b) Parthenogenic Activation:

- * Liu et al. 2005, Mol Reprod Dev, 72: 48-53 (copy attached).

3. Reprogramming of adult human blood lymphocytes and somatic cells by amphibian oocytes:

- * Byrne et al. 2003, Current Biology 13: 1206-1213 (copy attached).
- * Gurdon et al. 2003, PNAS 100: 11819-11822 (copy attached).
- * Simonsson and Gurdon 2004, Nature Cell Biol. 6: 984-990 (copy attached)
- * Hansis et al. 2004, Current Biology 14: 1475-1480 (copy attached)

4. Genes that facilitate somatic cell reprogramming towards embryonic stem cell states in the mouse:

* Takahashi and Yamanaka 2006, Cell 126: 1-14.

Please do not hesitate to contact me if you require further information.

Yours sincerely,

Professor Graham Jenkin
Associate Director
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