Video Article

Example Procedural Narrative and Animation

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Abstract

Video Link

The video component of this article can be found at http://www.jove.com/video/2000/

Protocol

Completed Procedural Narrative Statements:

(Intro) The overall goal of this procedure is to generate a model of renal graft rejection in mice via transplantation.

(P1) This accomplished by first harvesting the left kidney from the donor mouse and storing it on ice.

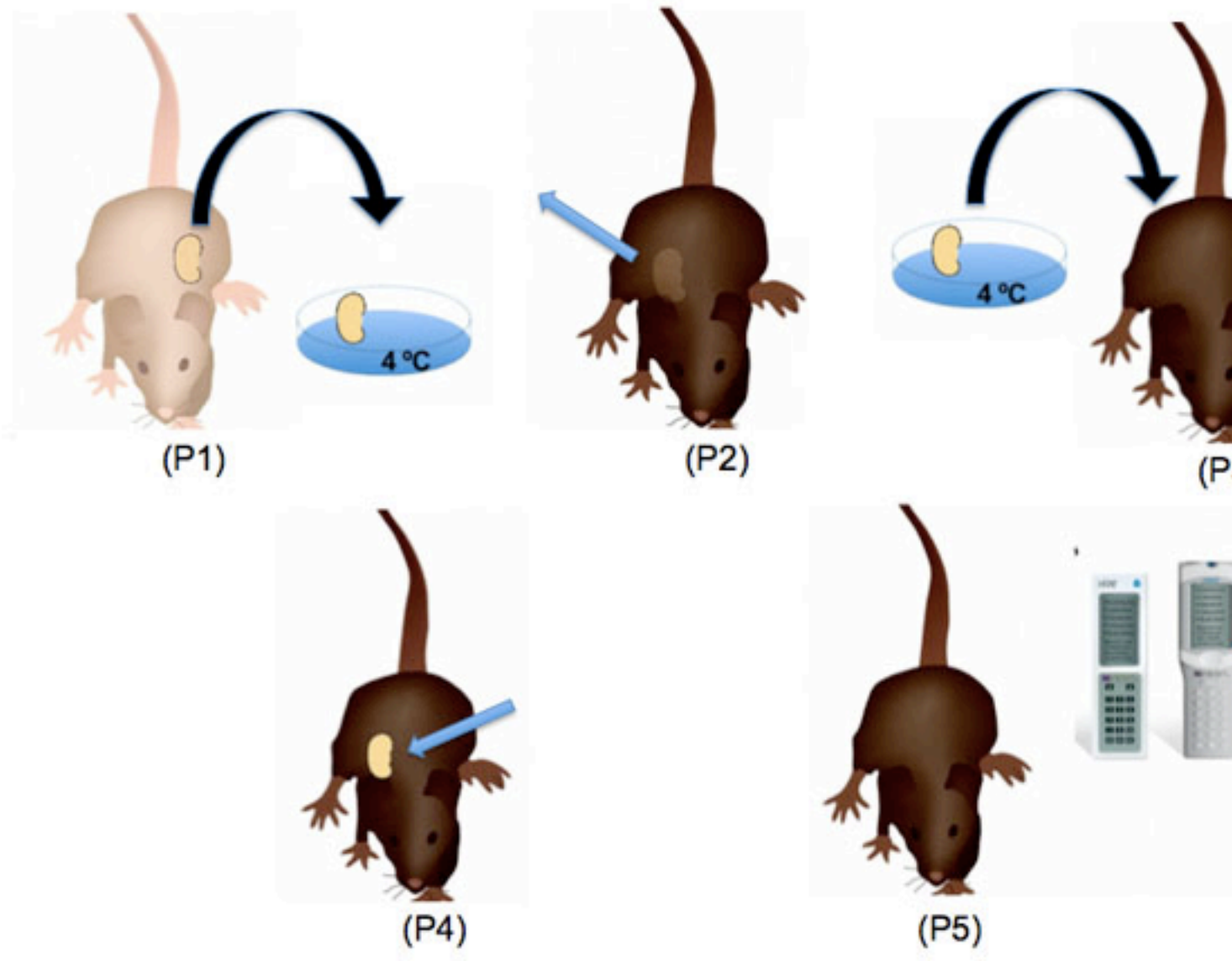
(P2) The second step of the procedure is to remove the right kidney from the recipient mouse to make room for the donor kidney.

(P3) The third step of the procedure is to remove the donor kidney and transplant it into the recipient mouse.

(P4) The final step of the procedure is to remove the remaining native kidney, 4 days later.

(P5) Ultimately results can be obtained that show graft function through monitoring creatinine levels with a portable clinical analyzer.

Schematic Diagram



Final Procedural Narrative Text:

(Intro) In this procedure, a mouse kidney transplantation is performed to study graft rejectio n. (P1) First, the leftt kidney is removed from the donor mouse and stored on ice. (P2) The right kidney is removed from the recipient mouse to make room for the donor kidney. (P3) The donor kidney is then removed from ice and transplanted into the recipient mouse. (P4) The mouse is allowed to recover for 4 days before the remaining native kidney is removed. (P5) After 7 days, creatinine levels are monitored using a Portable Clinical Analyzer to assess graft function.

Disclosures

No conflicts of interest declared.