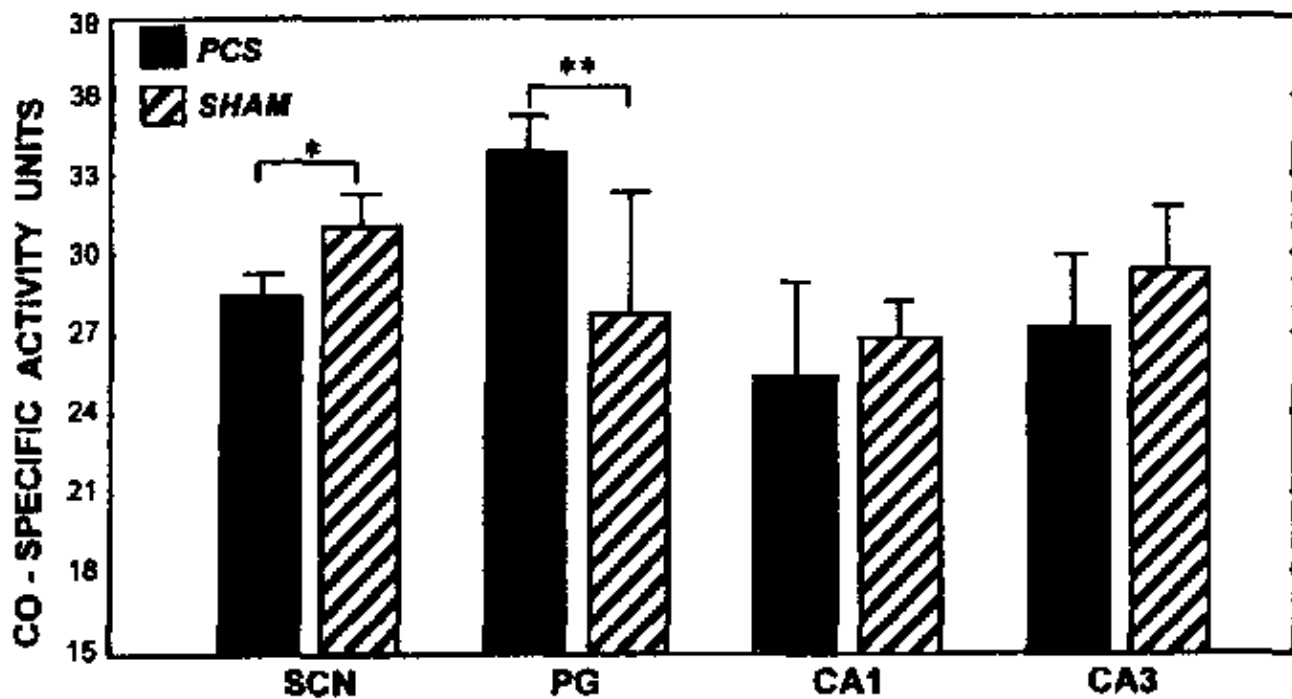


## Cytochrome Oxidase Activity of the Suprachiasmatic Nucleus and Pineal Gland in Rats with Portacaval Shunt

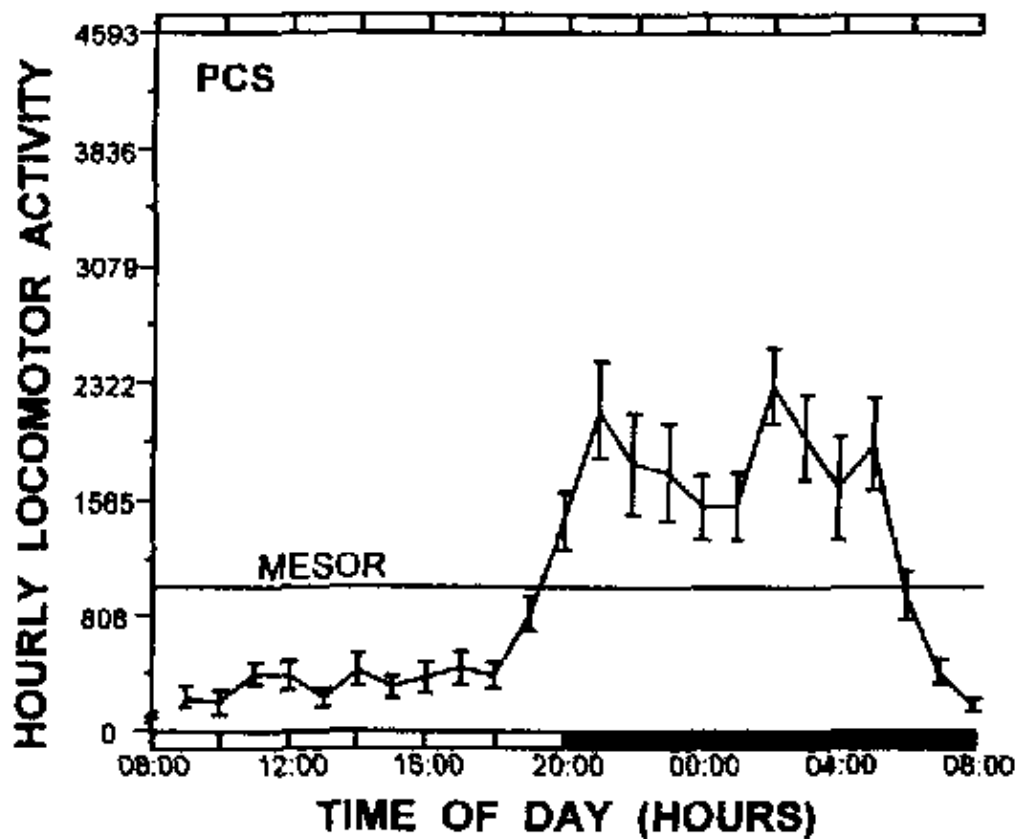
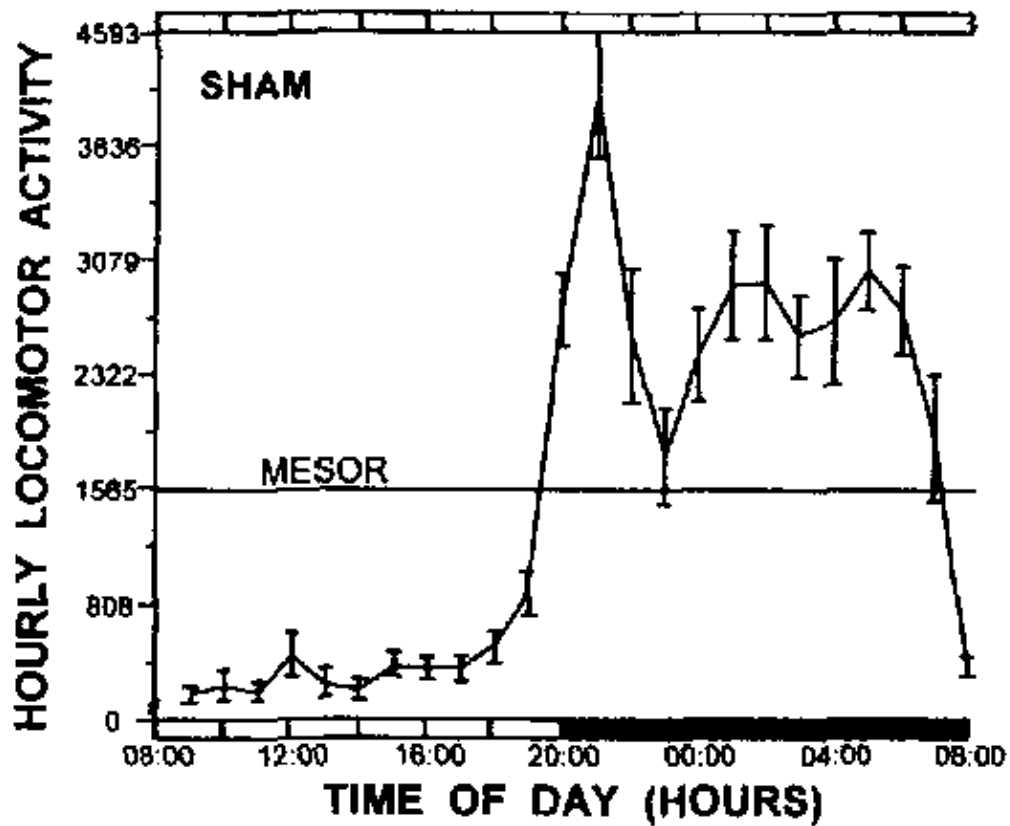
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**FIG. 2.** Determination of cytochrome oxidase (CO) activity (mean  $\pm$  SD) in the suprachiasmatic nucleus (SCN,  $n = 9$  per group), the pineal gland (PG,  $n = 7$  per group), and hippocampal regions (CA1 and CA3,  $n = 7$  per group). PCS, group with portacaval shunt; SHAM, sham-operated group; \* $P < 0.05$ , \*\* $P < 0.01$  (Tukey's test).



**FIG. 4.** Plot of the mean activity per hour (mean  $\pm$  SEM) of each group over the entire 24-h period, across 1-h intervals. The increased activity in the dark phase of both groups can be observed with a smaller amplitude in the portacaval shunted group and no differences between groups during the light period. The "MESOR" line indicates the mean basal activity during the entire period. PCS, portacaval shunted group; SHAM, sham-operated group.