

# Effect of mild protein prenatal malnutrition in the callosal splenium histology

## Efecto de la desnutrición oculta prenatal sobre la histología del esplenio callosal

Olivares Pérez-Montt, Ricardo

Soto-Moyano, R.

Hernández, A.

Gil, J.

Gimeno, M.

Laborda, J.

Aboitiz, F.

Adult rats malnourished prenatally with a low-protein, isocaloric diet showed smaller median fiber diameter of myelinated and unmyelinated fibers and a higher axonal density in the callosal splenium than controls. These findings suggest (i) that cortico-cortical (interhemispheric) connections are vulnerable to protein malnutrition; and (ii) this may affect interhemispheric conduction velocity, particularly in visual connections.