CBF Lesioning in Rabbits

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and found, in preliminary immunohistochemical studies, that it stained the rabbit CBF neurons beautifully (Fig 1c,d). We obtained the ME20.4-producing cells from the American Type Culture Collection (ATCC) and forwarded these to Advanced Targeting Systems for antibody production and coupling to saporin.

We injected 30-40 μ l of the conjugate into the lateral ventricles of New Zealand white rabbits and sacrificed the animals at 5 weeks, 3 months and 6 months. At all time intervals, we found that lesioned animals showed loss of CBF neurons (Fig 1a-d), cortical ChAT decrements of 50-70%, and profound loss of cholinergic nerve fibers (Fig 1e,f). All lesioned animals showed A β deposition in cerebral blood vessel walls and as perivascular diffuse deposits in the neuropil (Figure 1g,h). Biochemical (ELISA) measurements confirmed that A β concentrations were elevated in the cerebral cortex, 2.5-fold and 8-fold, respectively, for the forms of the peptide ending in 40 and 42. This model may recapitulate the events leading to A β deposition in aging and the sporadic form of Alzheimer's disease.

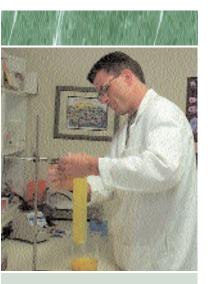
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ATS researcher, Matthew Kohls, works on new product development.



Targeting Ticklers

Actual Excerpts From Student Science Exam Papers:

- 1. The theory of evolution was greatly objected to because it made man think.
- 2. Algebraical symbols are used when you do not know what you're talking about.
- 3. A circle is a line which meets its other end without ending.
- 4. The pistol of a flower is its only protection against insects.
- 5. The moon is a planet just like the Earth, only it is even deader.
- 6. Blood flows down one leg and up the other.
- 7. It is a well-known fact that a deceased body harms the mind.
- 8. For drowning: climb on top of the person and move up and down to make artificial perspiration.
- 9. To remove dust from the eye, pull the eye down over the nose.
- 10. When you smell an odorless gas, it is probably carbon monoxide.

