

Also, contamination of thymus cell suspension with sensitized cells of parathymic lymph nodes¹⁹ and by sensitized blood lymphocytes to bone marrow cell suspension may have also contributed in conferring adoptive immunity.

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NEWS

PREDICTING EARTHQUAKES IN JAPAN

... "A very extensive high-quality digital network for micro-earthquake and ground-tilt observation has recently been completed in the south Kanto-Tokai area surrounding Tokyo. The first scientific results are now appearing and allow, among other things, a remarkable three-dimensional picture of the earthquake hypocentre distribution to be produced. The distribution maps out the boundaries of the three plates that meet under this region of Japan. ... Routine work for hypocentre determination began as soon as the first parts of the system were completed in July 1979. Every day around twenty earthquakes are located, most of them micro-earthquakes with magnitude around two. [A] vertical section [through 36.25°N] clearly shows the Pacific Plate diving down underneath the Eurasian Plate

upon which the main Japanese island stands. The precise study of three-dimensional hypocentral distribution and focal mechanisms based on a large amount of accurate data leads us to an excellent image of the plate configuration in this complex region. Also we have been able to measure a precursory tilt change in the 18 days preceding an earthquake that was of magnitude six and thirty-one km away from the station."

[Y. Okado (Natl. Research Ctr. for Disaster Prevention, Sakuramura, Japan) in *Nature* 312(5994): 500-1, 6 Dec. 84. Reproduced with permission from Press Digest, *Current Contents*® , No. 8, February 25, 1985, p. 12, (Published by the Institute for Scientific Information® , Philadelphia, PA, USA.)]
