These two articles describe the first transmission electron microscopic (TEM) observations of spiroplasma inclusions in a brain biopsy of a CJD patient at Baylor college of Medicine (1) and in two additional CJD patients (2), one an autopsy case at Baylor and the other a brain biopsy at the University of Iowa. It is noteworthy that the spiral bacterium was well preserved in the decaying tissues of the autopsy brain suggesting that it was viable. An identical spiroplasma inclusion has been seen in rats experimentally infected with *Spiroplasma mirum*.