Caption:   
Time-Lapse Imaging of Astrocytes In VivoFour astrocytes, from which fluorometric Ca2+ imaging (0.5 Hz) was made, are outlined. A blood vessel, outlined by the astrocyte end feet, runs diagonally across the viewed area. White arrows show the end foot connected to the imaged astrocyte.

Question: What is the purpose of the study?   
   
A: To measure blood flow in astrocytes.   
B: To observe astrocytes in vivo.   
C: To monitor calcium levels in blood vessels.   
D: To measure the thickness of astrocytes.

Answer: B: To observe astrocytes in vivo.