

the conjugated antiserum (antiserum to mouse, goat, or human immunoglobulin G) was diluted and applied to the fixed cells for 30 minutes at room temperature. Slides were then washed three times in PBS. Cells were stained with Evans blue solution for 15 minutes and then washed extensively with water before microscopic examination.

| Cell type                        | Immunofluorescence (percent positive) |                 |                      |
|----------------------------------|---------------------------------------|-----------------|----------------------|
|                                  | Antibody to p19                       | Antibody to p24 | Serum from patient 1 |
| Normal blood lymphocytes         |                                       |                 |                      |
| N 10916                          | —                                     | —               | —                    |
| LC <sub>1</sub>                  | —                                     | —               | —                    |
| HTLV-producing cells             |                                       |                 |                      |
| C <sub>91</sub> /PL              | + (90 to 100)                         | + (90 to 100)   | + (90 to 100)        |
| C <sub>10</sub> /MJ <sub>2</sub> | + (90 to 100)                         | + (90 to 100)   | + (90 to 100)        |
| Virus-producing cells from       |                                       |                 |                      |
| Patient 1                        | —                                     | —               | + (90 to 100)        |
| LC <sub>1</sub> /patient 1       | —                                     | —               | ± (0.5 to 2)         |
| Patient 2                        | —                                     | —               | + (90 to 100)        |

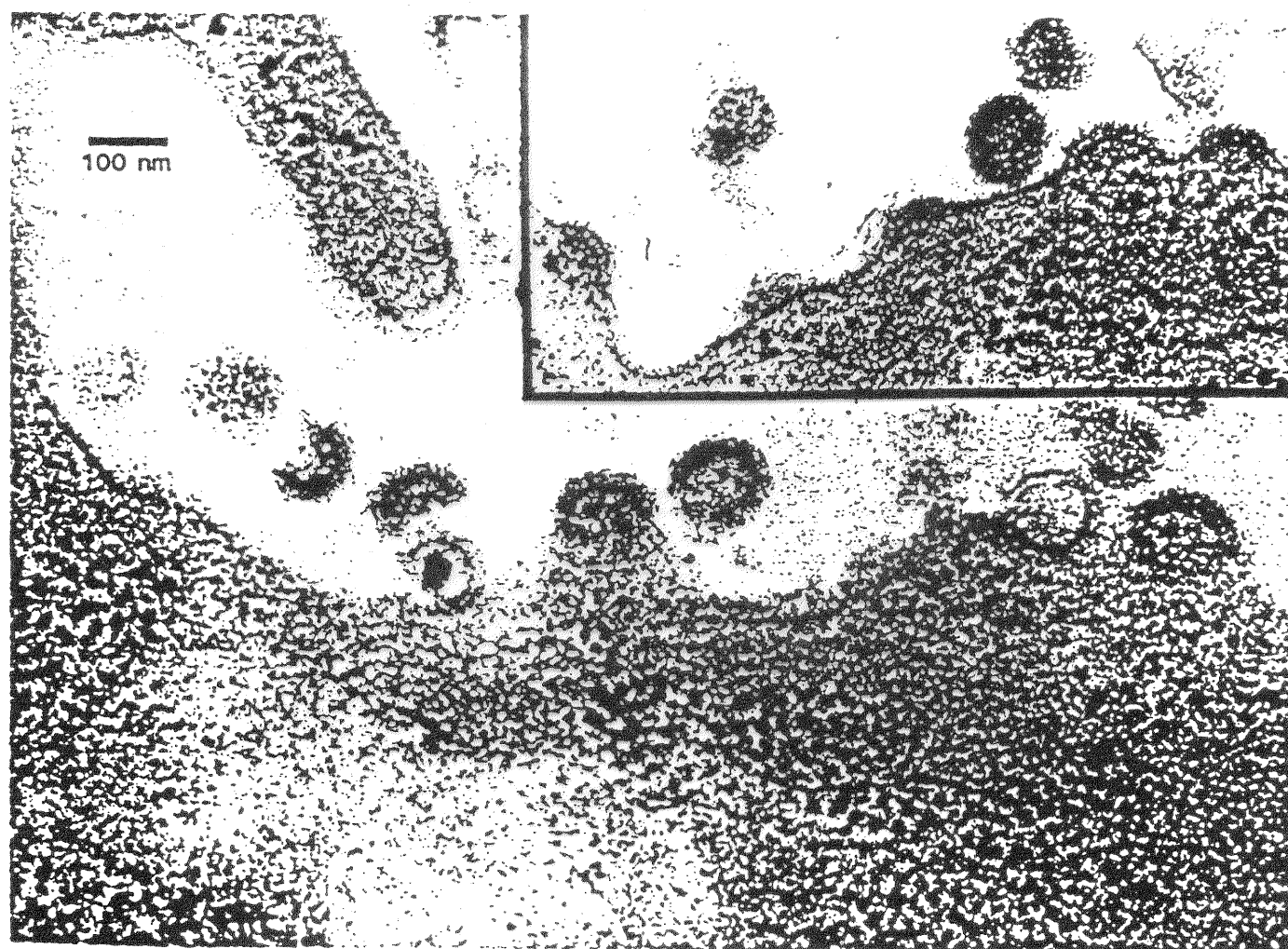


Fig. 2. Electron microscopy of thin sections of virus-producing cord lymphocytes. The inset shows various stages of particle budding at the cell surface.