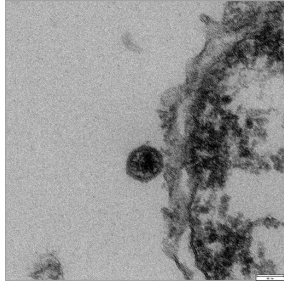
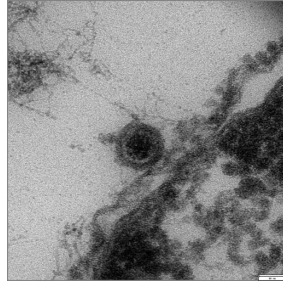


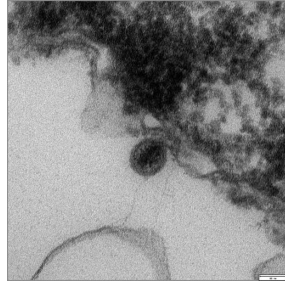
**Ultrathin  
Epon section-1**



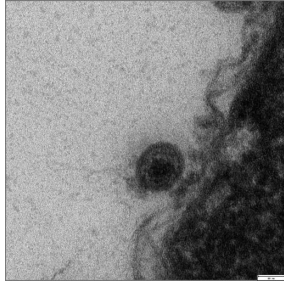
**Ultrathin  
Epon section-2**



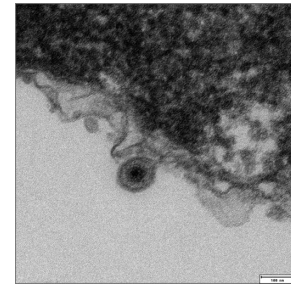
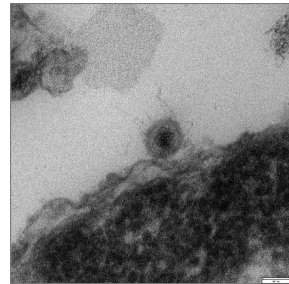
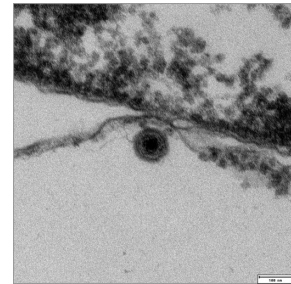
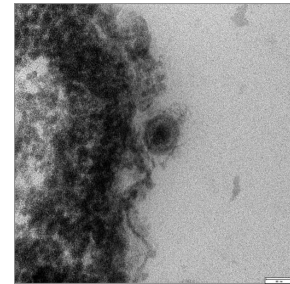
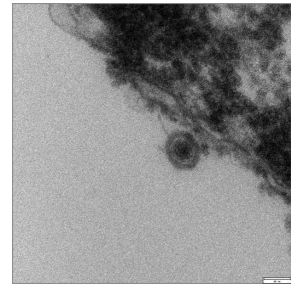
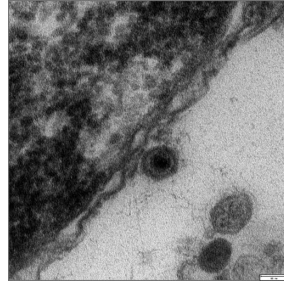
**Ultrathin  
Epon section-3**



**Ultrathin  
Epon section-4**



**Ultrathin  
Epon section-5**



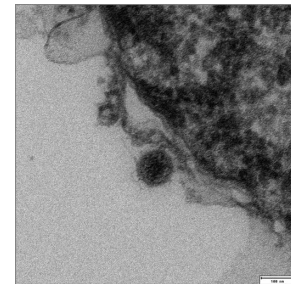
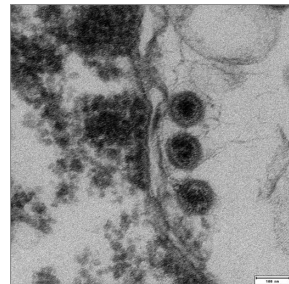
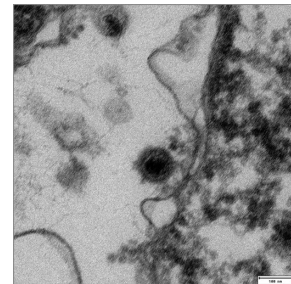
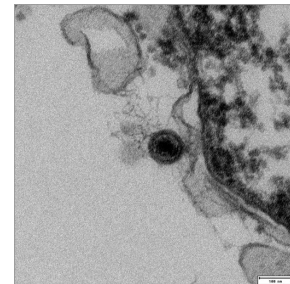
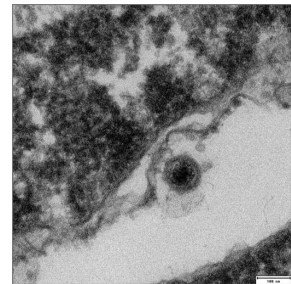
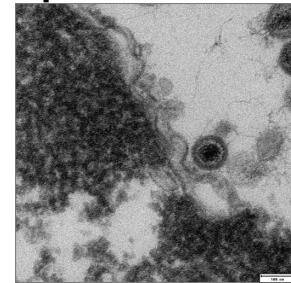
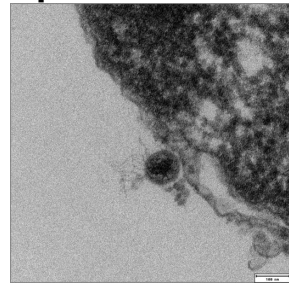
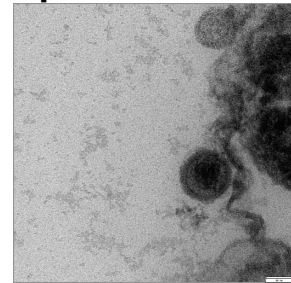
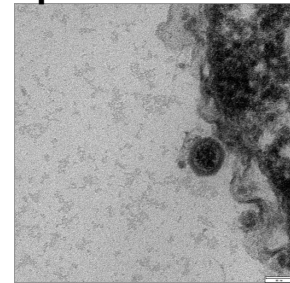
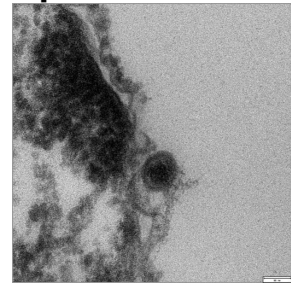
**Ultrathin  
Epon section-6**

**Ultrathin  
Epon section-7**

**Ultrathin  
Epon section-8**

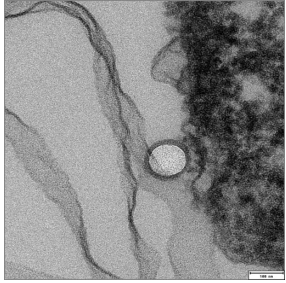
**Ultrathin  
Epon section-9**

**Ultrathin  
Epon section-10**

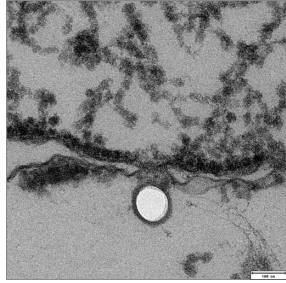


Ultra-thin sectioning EM shows capsids in the absence of compounds (capsids were mixed with nuclei supplemented with cytosol). Negative control at 4°C, without added compounds and without ATP regenerating system, shows that no ejection occurs.

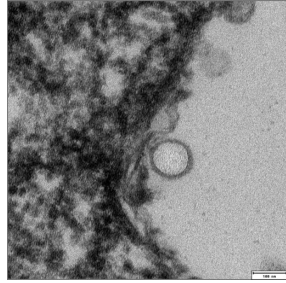
**Ultrathin  
Epon section-1**



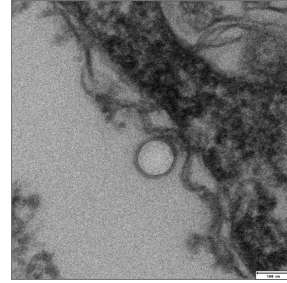
**Ultrathin  
Epon section-2**



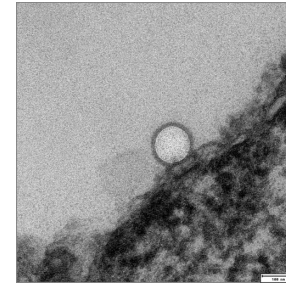
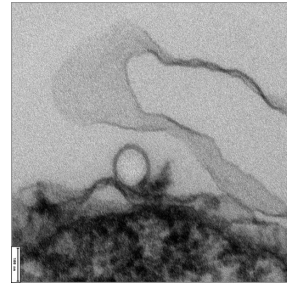
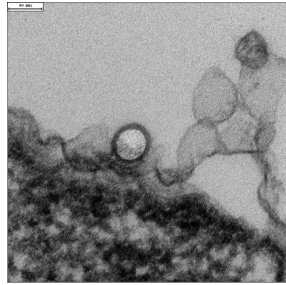
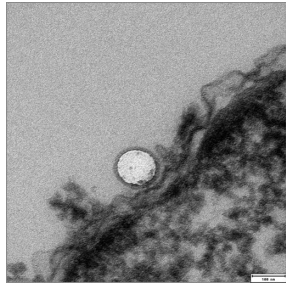
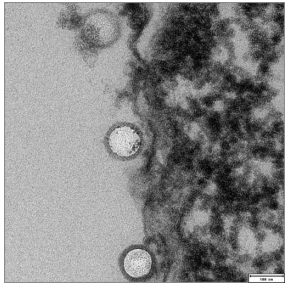
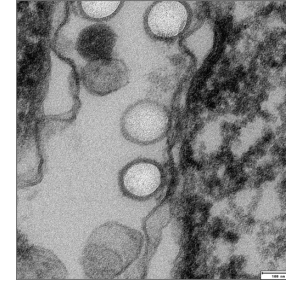
**Ultrathin  
Epon section-3**



**Ultrathin  
Epon section-4**

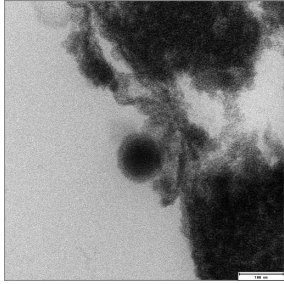


**Ultrathin  
Epon section-5**

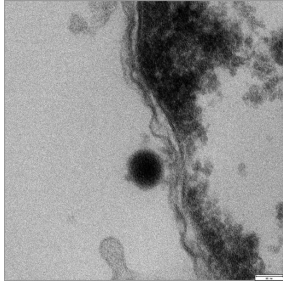


Ultra-thin sectioning EM shows capsids in absence of compounds. Positive control at 37°C shows complete DNA ejection from C-capsids in the absence of compounds (capsids were mixed with nuclei supplemented with cytosol and ATP-regenerating system).

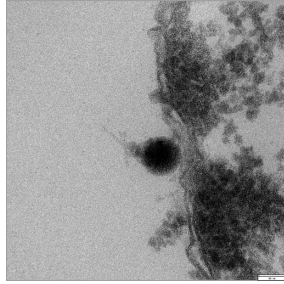
**Ultrathin  
Epon section-1**



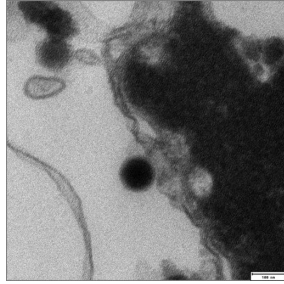
**Ultrathin  
Epon section-2**



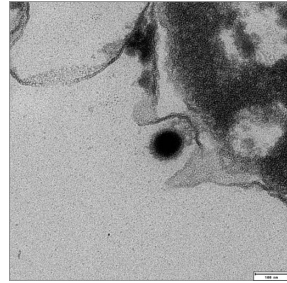
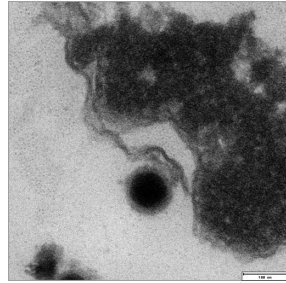
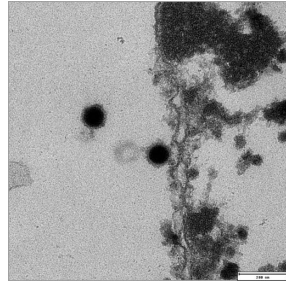
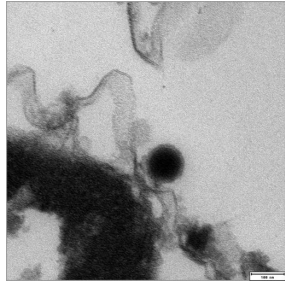
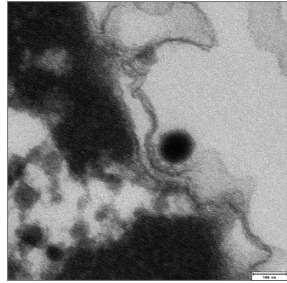
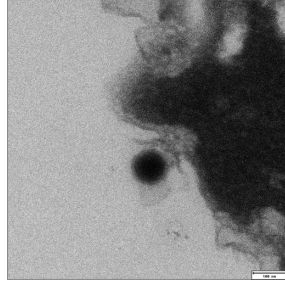
**Ultrathin  
Epon section-3**



**Ultrathin  
Epon section-4**



**Ultrathin  
Epon section-5**

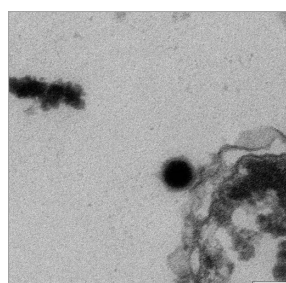
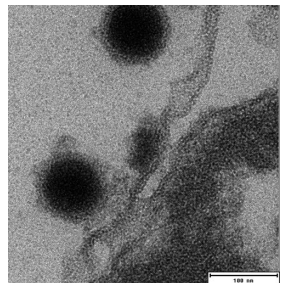
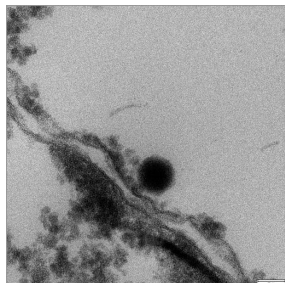
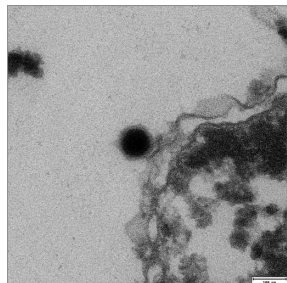
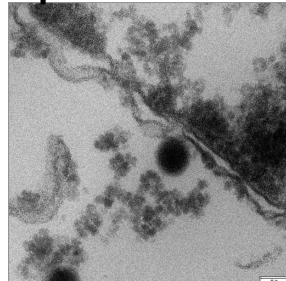
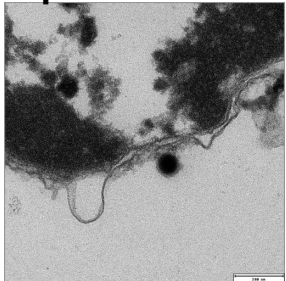
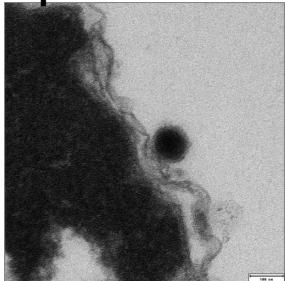
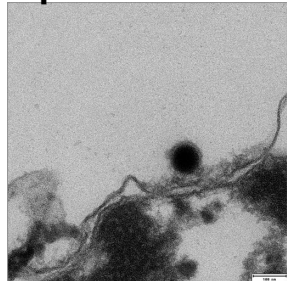


**Ultrathin  
Epon section-6**

**Ultrathin  
Epon section-7**

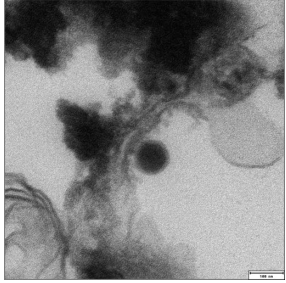
**Ultrathin  
Epon section-8**

**Ultrathin  
Epon section-9**

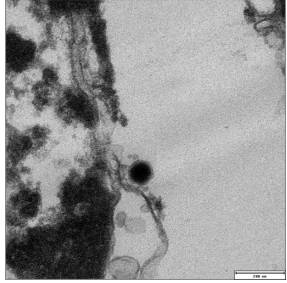


Ultra-thin sectioning EM shows that the addition of the selected DNA condensing compound (bPEI 600) inhibits DNA ejection from HSV-1 C-capsids into a cell nucleus through the NPCs.

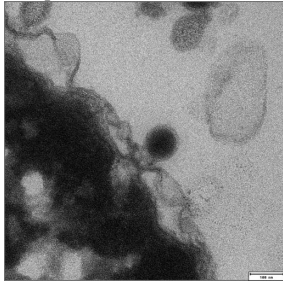
**Ultrathin  
Epon section-1**



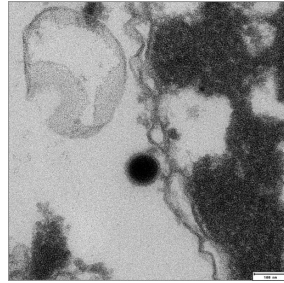
**Ultrathin  
Epon section-2**



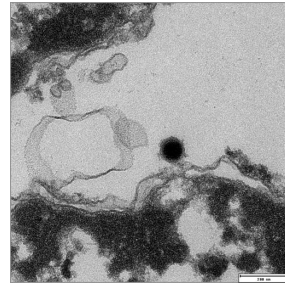
**Ultrathin  
Epon section-3**



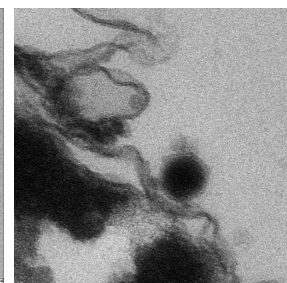
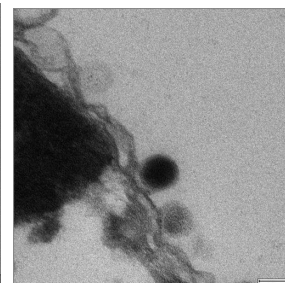
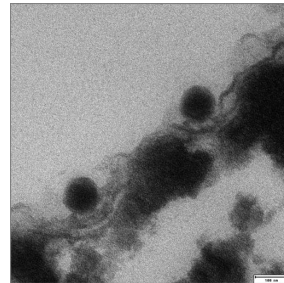
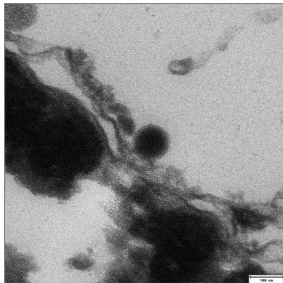
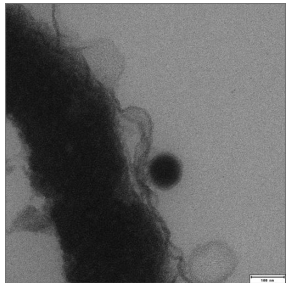
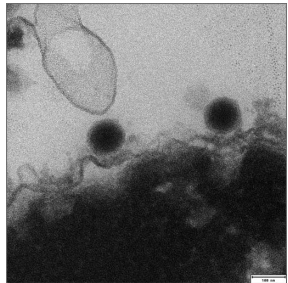
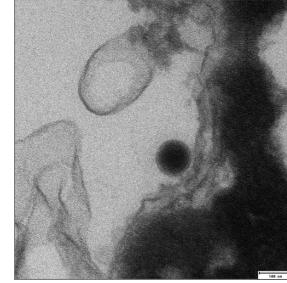
**Ultrathin  
Epon section-4**



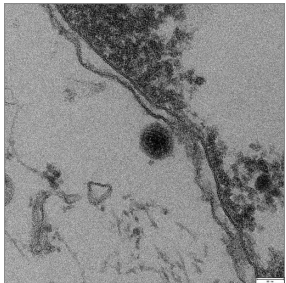
**Ultrathin  
Epon section-5**



**Ultrathin  
Epon section-6**

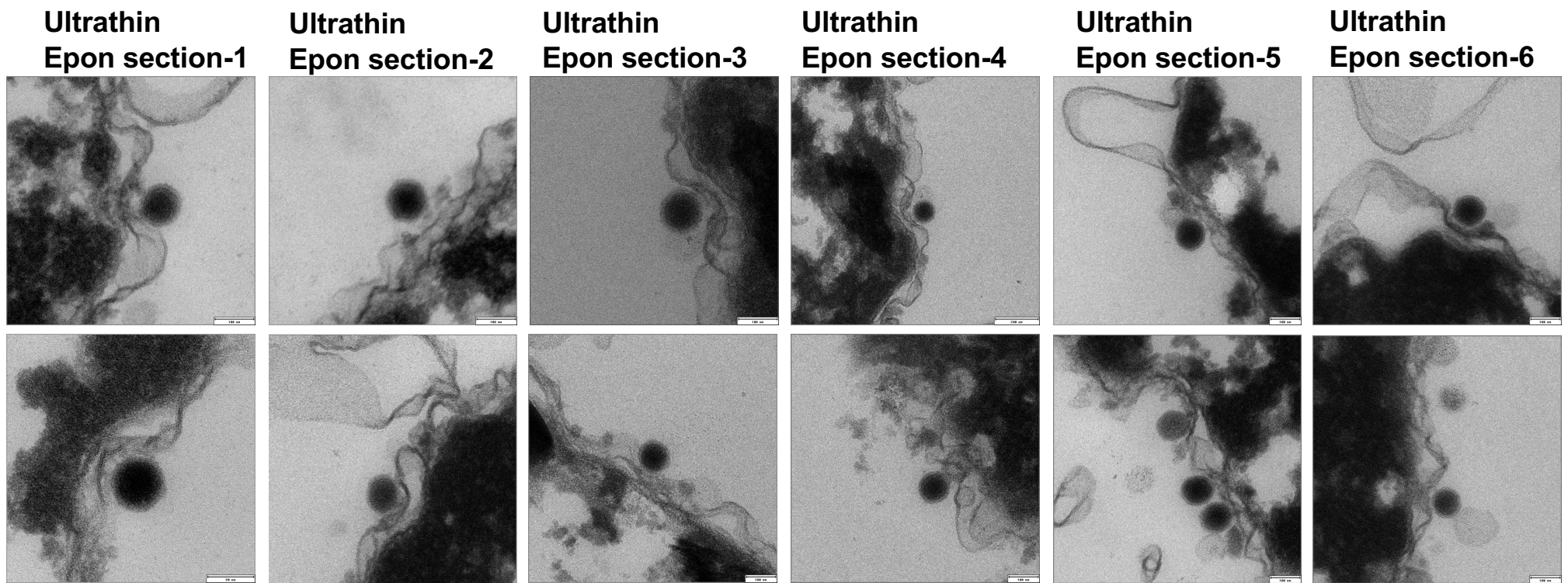


**Ultrathin  
Epon section-7**



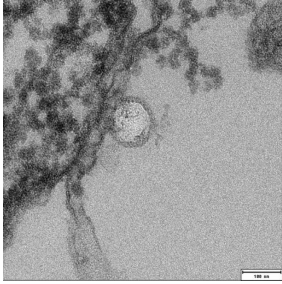
Ultra-thin sectioning EM shows that the addition of the selected DNA condensing compound (DAB-Am-4) inhibits DNA ejection from HSV-1 C-capsids into a cell nucleus through the NPCs.



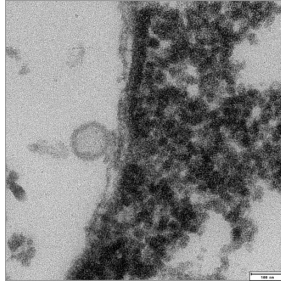


Ultra-thin sectioning EM shows that the addition of the selected DNA condensing compound (Arg5+) inhibits DNA ejection from HSV-1 C-capsids into a cell nucleus through the NPCs.

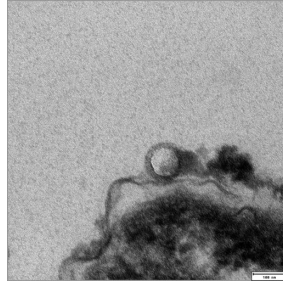
**Ultrathin  
Epon section-1**



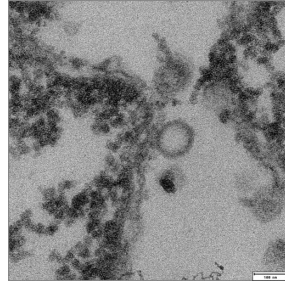
**Ultrathin  
Epon section-2**



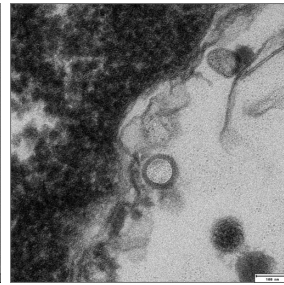
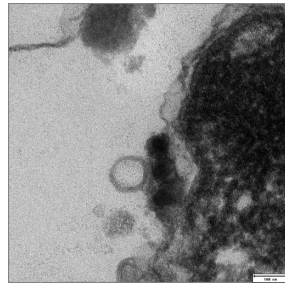
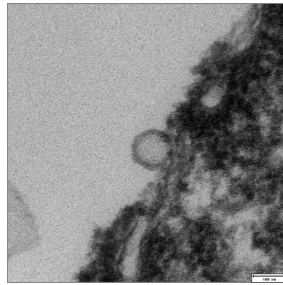
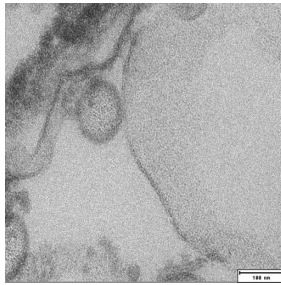
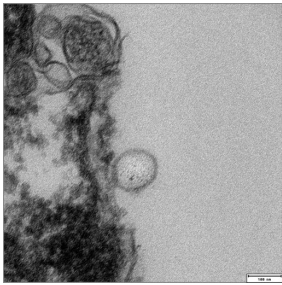
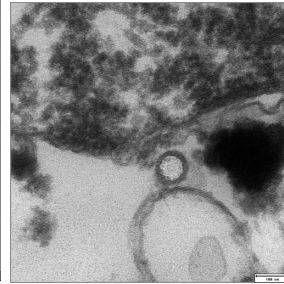
**Ultrathin  
Epon section-3**



**Ultrathin  
Epon section-4**

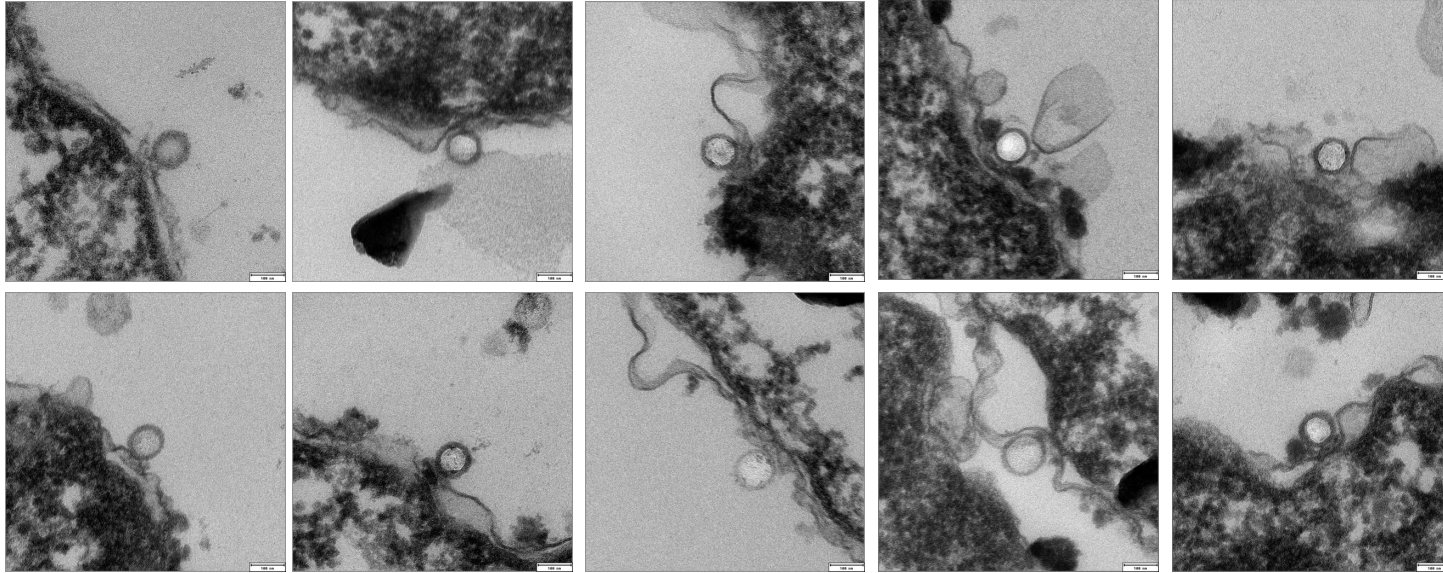


**Ultrathin  
Epon section-5**



Ultra-thin sectioning EM shows that addition of bPEI 25000 does not inhibit DNA ejection from HSV-1 C-capsids into a cell nucleus through the NPC.

**Ultrathin Epon section-1**   **Ultrathin Epon section-2**   **Ultrathin Epon section-3**   **Ultrathin Epon section-4**   **Ultrathin Epon section-5**



Ultra-thin sectioning EM shows that addition of DAB-Am-64 does not inhibit DNA ejection from HSV-1 C-capsids into a cell nucleus through the NPC.