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| --- | --- | --- | --- |
|  |  | **Human** | **Rat/Mouse** |
| **fenestration**  **radius**  **porosity**  **frequency** | **1.0**  old (60 years)/young (20 years)  **0.25**  old (60 years)/young (20 years)  **0.25**  old (60 years)/young (20 years)  (calculated from changes in r and f) | **diameter**  **58**±1**nm** (young, baboon), **70**±2**nm** (old, baboon), old/young **1.21**  **porosity**  determined by scanning electron microscopy  **4.2**±0.5**%** (young, baboon), **2.4**±0.4**%** (old, baboon), old/young **0.61**  **frequency**  determined by transmission electron microscopy  **7.7**±0.7 **[1/µm]** (young, human), **1.5**±0.4 **[1/µm]** (old, human), old/young **0.19**  **9.4**±0.9 **[1/µm]** (young, baboon), **5.5**±0.7 **[1/µm]** (old, baboon), old/young **0.58** | **diameter**  **73**±1**nm** (young, rat), **60**±1**nm** (old,rat), old/young **0.82**  **74**±4**nm** (young, mouse), **58**±12**nm** (old,mouse), old/young **0.78**  **porosity**  determined by scanning electron microscopy  **4.1**±2.3**%** (young, rat), **2.5**±1.2**%** (old, rat), old/young **0.61**  **4.1**±2.2**%** (young, mouse), **2.2**±3.5**%** (old mouse), old/young **0.54**  **frequency**  determined by transmission electron microscopy  **2.7**±1.1 **[1/µm]** (young, rat), **0.9**±0.8 **[1/µm]** (old, rat), old/young **0.33** |
| **endothelial thickness** | **1.75**  old (60 years)/young (20 years) | Determined by transmission electron microscopy  **165±17nm** (human, young), **289±9nm** (human, old), old/young **1.75**  **130±8nm** (baboon, young), **186±9nm** (baboon, old) , old/young **1.43** | Determined by transmission electron microscopy  **230±50nm** (rat, young), **320±80nm** (rat, old) , old/young **1.39**  **154±4nm** (mouse, young), **245±8nm** (mouse, old), old/young **1.59** |