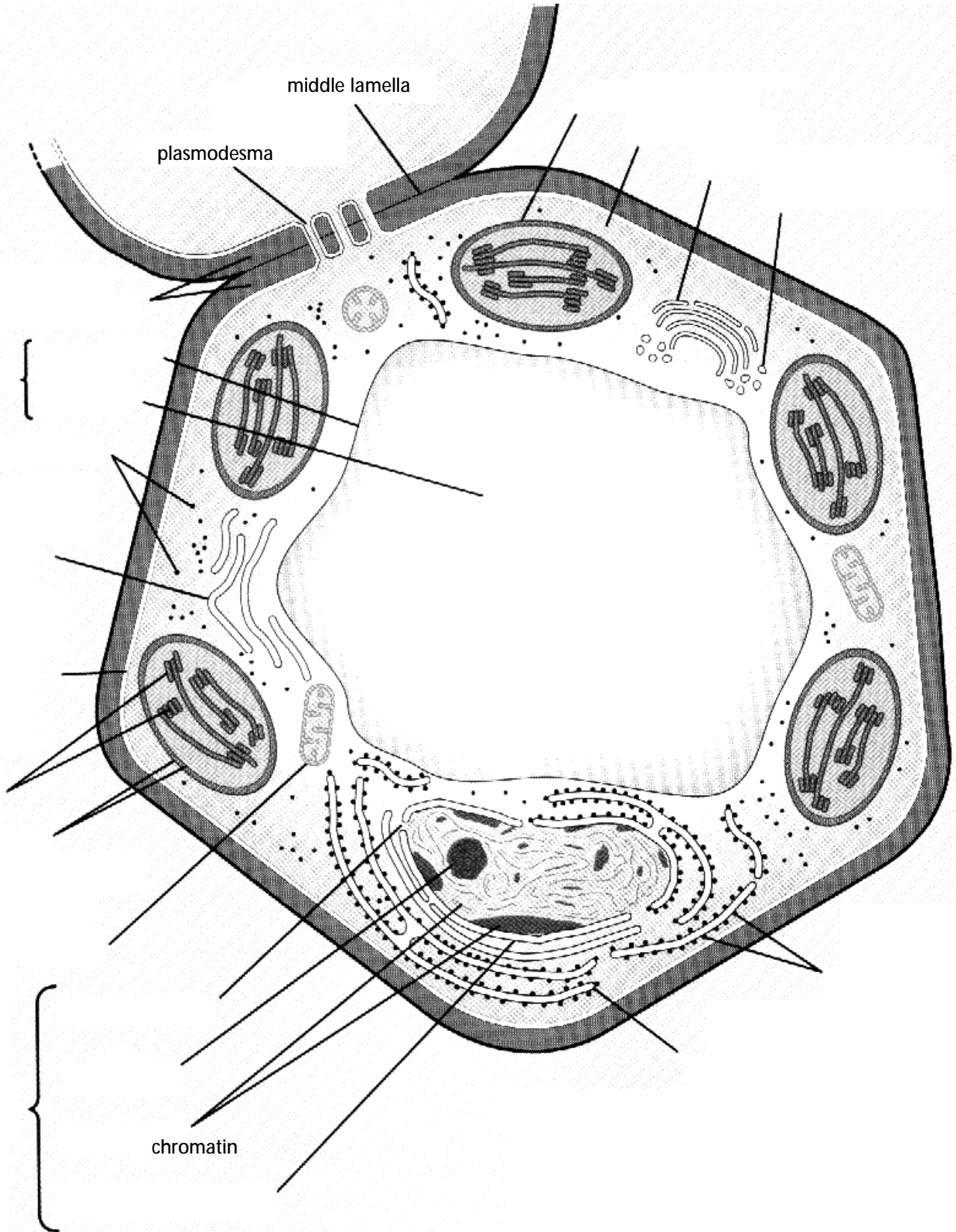


Structure of a generalized plant cell as seen with an electron microscope:



Structure of a generalized animal cell as seen with an electron microscope:

microvilli for increased surface area for taking up (absorption) or releasing (secretion) substances

two centrioles close to the nucleus and at right angles to each other (help to form spindle apparatus during mitosis)

