



Cell Theory Noble Prize Activity

You are a member of the Nobel Prize Committee and must decide which scientist is most worthy of the Nobel Prize. It is your job to research the scientists that are nominated and decide which one is most deserving of this year's most prestigious award. Each of these scientists has contributed to the development of cell theory in some way. Next to each scientist you will find links to information about what they have contributed. Use this information to help make your decision about who should receive this year's Nobel Prize.

Scientist	Suggested Links
All Scientists	<a href="http://www.microscopemaster.com/cell-theory.html">http://www.microscopemaster.com/cell-theory.html</a> <a href="http://www.smithlifescience.com/celltheory.htm">http://www.smithlifescience.com/celltheory.htm</a> <a href="http://www.eduwebs.org/Webquests/cells/cell_theory.htm">http://www.eduwebs.org/Webquests/cells/cell_theory.htm</a>
Robert Hooke	<a href="http://www.ucmp.berkeley.edu/history/hooke.html">http://www.ucmp.berkeley.edu/history/hooke.html</a> <a href="http://www.rod.beavon.clara.net/robert_hooke.htm">http://www.rod.beavon.clara.net/robert_hooke.htm</a>
Anton van Leeuwenhoek	<a href="http://www.ucmp.berkeley.edu/history/leeuwenhoek.html">http://www.ucmp.berkeley.edu/history/leeuwenhoek.html</a> <a href="http://www.zephyrus.co.uk/antonvanleeuwenhoek.html">http://www.zephyrus.co.uk/antonvanleeuwenhoek.html</a> <a href="http://www.pbs.org/wnet/redgold/innovators/bio_leeuwenhoek2.html">http://www.pbs.org/wnet/redgold/innovators/bio_leeuwenhoek2.html</a>
Matthias Schleiden	<a href="http://scienceworld.wolfram.com/biography/Schleiden.html">http://scienceworld.wolfram.com/biography/Schleiden.html</a> <a href="http://www.answers.com/topic/matthias-jakob-schleiden">http://www.answers.com/topic/matthias-jakob-schleiden</a> <a href="http://www.bookrags.com/biography/matthias-jacob-schleiden-wsd/">http://www.bookrags.com/biography/matthias-jacob-schleiden-wsd/</a>
Theodor Schwann	<a href="http://scienceworld.wolfram.com/biography/Schwann.html">http://scienceworld.wolfram.com/biography/Schwann.html</a> <a href="http://www.nndb.com/people/357/000096069/">http://www.nndb.com/people/357/000096069/</a> <a href="http://www.infoplease.com/ce6/people/A0844044.html">http://www.infoplease.com/ce6/people/A0844044.html</a>
Rudolph Virchow	<a href="http://www.vet.ksu.edu/depts/dmp/personnel/faculty/virchowbioe.htm">http://www.vet.ksu.edu/depts/dmp/personnel/faculty/virchowbioe.htm</a> <a href="http://www.answers.com/topic/rudolf-virchow">http://www.answers.com/topic/rudolf-virchow</a> <a href="http://www.nndb.com/people/904/000164412/">http://www.nndb.com/people/904/000164412/</a>

Scientist I think is most deserving: \_\_\_\_\_



Name: \_\_\_\_\_ Period: \_\_\_\_\_

Now that you have completed your research, consult with other members of the selection committee (your table) to decide which scientist is most deserving of the Nobel Prize then answer the questions below.

1) What is a cell?

2) How did the work of Hooke and Leeuwenhoek contribute to the work of the scientists that came after them?

3) What are the three basic ideas of the cell theory?

1)

2)

3)

4) How did cell theory impact later scientific discoveries?

5) What scientist did the committee select to receive the Nobel Prize? Why was he selected?