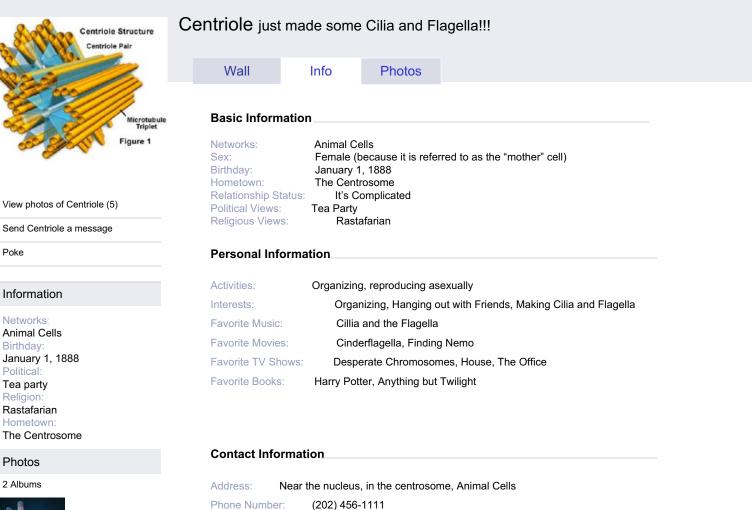


Cillia thanks for making me who I am today! :) September 9, 2011

Mitotic Spindle Chromosomes Microfilaments



Friends Updated last Tuesday



#### My Job Updated two seconds ago





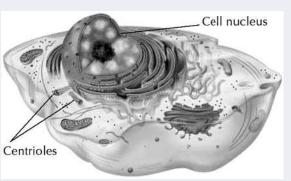
### Photos of Centriole 5 Photos



Wall







Centriole

Logout



#### Centriole's Albums 2 Photo Albums



# WHAT YOU SHOULD KNOW ABOUT ME!

## MADE OF:

•Nine bundles of microtubules (three per bundle) arranged in a ring.

### FUNCTION:

ODuplicates during mitosis in animal cells

•Forms spindle apparatus during cell division

•Makes cilia and flagella

•Organizes the centrosome

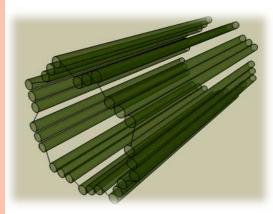
#### MISCELLANEOUS:

• Found only in animal cells, near the nucleus in the centrosome.

• Plant cells are able to go through mitosis without centrioles.

•Sperm cells contain a pair of centrioles; eggs have none.

• They are found to be positioned at right angles to each other.



# Sources

http://www.cod.edu/people/faculty/fancher/cellstructure.htm http://www.biologie.uni-hamburg.de/b-online/fo07/erd3rg2.jpg http://upload.wikimedia.org/wikipedia/commons/thumb/0/09/FluorescentCells.jpg/ 300px-FluorescentCells.jpg

http://jefz.com/pictures/microtubules%20and%20plus-ends.jpg http://www.microscopyu.com/staticgallery/featuredmicroscopist/deerinck/images/ deerinckimage13large.jpg

http://ndsfornys.com/blogs/files/2010/10/chromosome-X-et-Y2.jpg http://www.google.com/imgres?q=cilia&hl=en&tbm=isch&tbnid=7GveroRsa77cF M:&imgrefurl=http://faculty.clintoncc.suny.edu/faculty/michael.gregory/files/bio% 2520101/bio%2520101%2520lectures/cells.htm&docid=r\_oj9P34BCp03M&w =361&h=236&ei=fkh7TvvRD8qQsALorNmgAw&zoom=1&iact=hc&vpx=329&vpy =340&dur=78&hovh=181&hovw=278&tx=186&ty=105&page=1&tbnh=139&tbn

w=206&start=0&ndsp=24&ved=1t:429,r:7,s:0&biw=1280&bih=823 http://www.google.com/imgres?q=cytoskeleton&hl=en&tbm=isch&tbnid=Hv7RhL i3Ga9vYM:&imgrefurl=http://en.wikipedia.org/wiki/Cytoskeleton&docid=azi6eht KEgPZCM&w=200&h=150&ei=2kt7TqfjNuqesQKaxMXIAw&zoom=1&iact=hc& vpx=380&vpy=190&dur=390&hovh=120&hovw=160&tx=120&ty=67&page=1&tb nh=120&tbnw=160&start=0&ndsp=24&ved=1t:429,r:1,s:0&biw=1280&bih=823 http://en.wikipedia.org/wiki/File:Centrioles\_from\_common\_shore\_crab\_hepatopa ncreas.jpg

http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/C/Centrioles.html http://www.google.com/imgres?q=centriole&um=1&hl=en&sa=G&tbm=isch&tbni d=2FzLG3zB4VmP3M:&imgrefurl=http://www.gcd.umn.edu/html/faculty\_pages/l inck.html&docid=Y-

 $r78vyetqzTKM\&w=216\&h=197\&ei=g5h8TvGGIaGHsgKuvIgW\&zoom=1\&biw=12\\80\&bih=823\&iact=rc\&dur=781\&page=2\&tbhh=139\&tbhw=161\&start=24\&hdsp=24\&ved=1t:429,r:22,s:24\&tx=110\&ty=82$ 

http://www.sciencecontrol.com/centriole-function.html

http://www.basic.northwestern.edu/g-buehler/centrpr.jpg

http://en.wikipedia.org/wiki/Centriole

