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Cell  
Behavior

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**mechanism  
in  
phagocytosis:  
energetic  
requirements  
and  
variability  
in  
phagocytic  
cup**

# shape

Sylvain Tollis,  
Anna E. Dart,  
George  
Tzircotis, Robert  
G. Endres

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Nov 2010)*

Phagocytosis  
is the  
fundamental  
cellular  
process  
by which  
eukaryotic  
cells  
bind and  
engulf  
particles  
by their  
cell  
membrane.  
Particle  
engulfment  
involves  
particle  
recognition  
by cell-  
surface  
receptors,  
signaling  
and

remodeling  
of the  
actin  
cytoskeleton  
to guide  
the  
membrane