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Cover picture: An Fc γ receptor-transfected COS cell mediates phagocytosis of IgG-opsonized RBCs into phagosomes. COS cells transfected with Fc γ receptors were incubated with FITC-labeled RBCs opsonized with IgG to examine phagocytosis. In this photomicrograph the orange cytoplasm (ethidium bromide) of the COS cell contrasts with the green fluorescence of the FITC-labeled RBCs found inside vesicles. The COS cell system was further used to examine in detail the steps of the phagocytic process mediated by Fc γ receptors. See related article in this issue by Lowry et al., pp. 161–176.

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