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On the cover: Red Blood Cells (RBC) infected with Malaria parasites taken on a widefield microscope. RBC membranes (red) were visualized using an anti- Ter 119 antibody and nuclei of parasites (blue) were stained with Hoechst.

Malaria transmission from an infected host into the mosquito vector requires egress of the parasite from the red blood cell. During this process specialized secretory vesicles release their protein content in order to dissolve the membrane barrier. For details, see the article by Jessica Kehrer, *et al.*, pages 2852–2862.

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