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On the cover: Antibodies are a fundamental part of the immunity to severe malaria, but they are not well characterized. Therefore, a high-throughput peptide array technology was used to analyze the antibodies of patients against epitopes of the *P. falciparum* proteome. Known and novel vaccine candidates can be quickly identified. This serves as a general approach to develop vaccines and biomarkers. For details, see the article by Loeffler *et al.*, pages 642–656.

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