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► **COVER:** 'She finds, she eats' by Simon Bradbrook, inspired by the Review on p964.



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OLIVE LEAVY



SHARON AHMAD

The end of the year can mean having to keep an eye on our waistbands, and several articles in our final issue of 2007 touch upon this. The vast array of food on offer at this time of year can leave us feeling rather blimp-like, and Stephen L. Nutt and colleagues (page 923) reveal some new and surprising results about the role of another type of blimp — the transcriptional repressor B-lymphocyte-induced maturation protein 1 (BLIMP1) — in the final stages of lymphocyte maturation.

Perhaps we should be more picky when it comes to what we eat, and think about what signals a good meal. On page 964, Kodi S. Ravichandran and Ulrike Lorenz discuss this issue in terms of phagocyte engulfment of apoptotic cells. They focus on recent developments in this field, highlighting the 'find-me' and 'eat-me' signals that are expressed on apoptotic cells. One of these eat-me signals is phosphatidylserine, and in our Research highlights section we report on two papers published in *Nature* that have identified two phosphatidylserine receptors (page 917).

Eating a large meal can cause a rise in blood sugar, which needs to be monitored carefully by people with type I diabetes. We do not yet fully understand the immunological processes that underlie this disease, but in their Opinion article on page 988, Matthias von Herrath and colleagues propose that autoimmune type I diabetes is relapsing–remitting in nature, and discuss what this might mean for immune-based interventions.

And finally, where sugar goes, fat often follows. We now know that the immune system recognizes lipid-containing antigens in the context of MHC-class-I-like CD1 antigen-presentation molecules. The Review by Duarte C. Barral and Michael B. Brenner (page 929) provides a detailed overview of how CD1 antigen presentation works.

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