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Antibody arrays

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Protein arrays are lagging behind in their implementation relative to DNA arrays because proteins are harder to produce and keep active. But in the September Nature Biotechnology de Wildt *et al*. describe the use of robotic spotting to produce antibody arrays, using bacterial colonies that produce single-chain antibodies (*Nat. Biotechnol*. 2000, **18**:989-994). Up to 18,342 antibody clones can be screened at one time, and the same antibody-producing cells can easily be spotted onto up to 15 replicate filters. Although the current set-up is valuable for evaluating antigen-antibody interactions, an array that could be used for a comprehensive proteomics application is still a long way off.

References

1. Large-scale functional analysis using peptide or protein arrays.

2. Nature Biotechnology, [http://www.nature.com/nbt/]