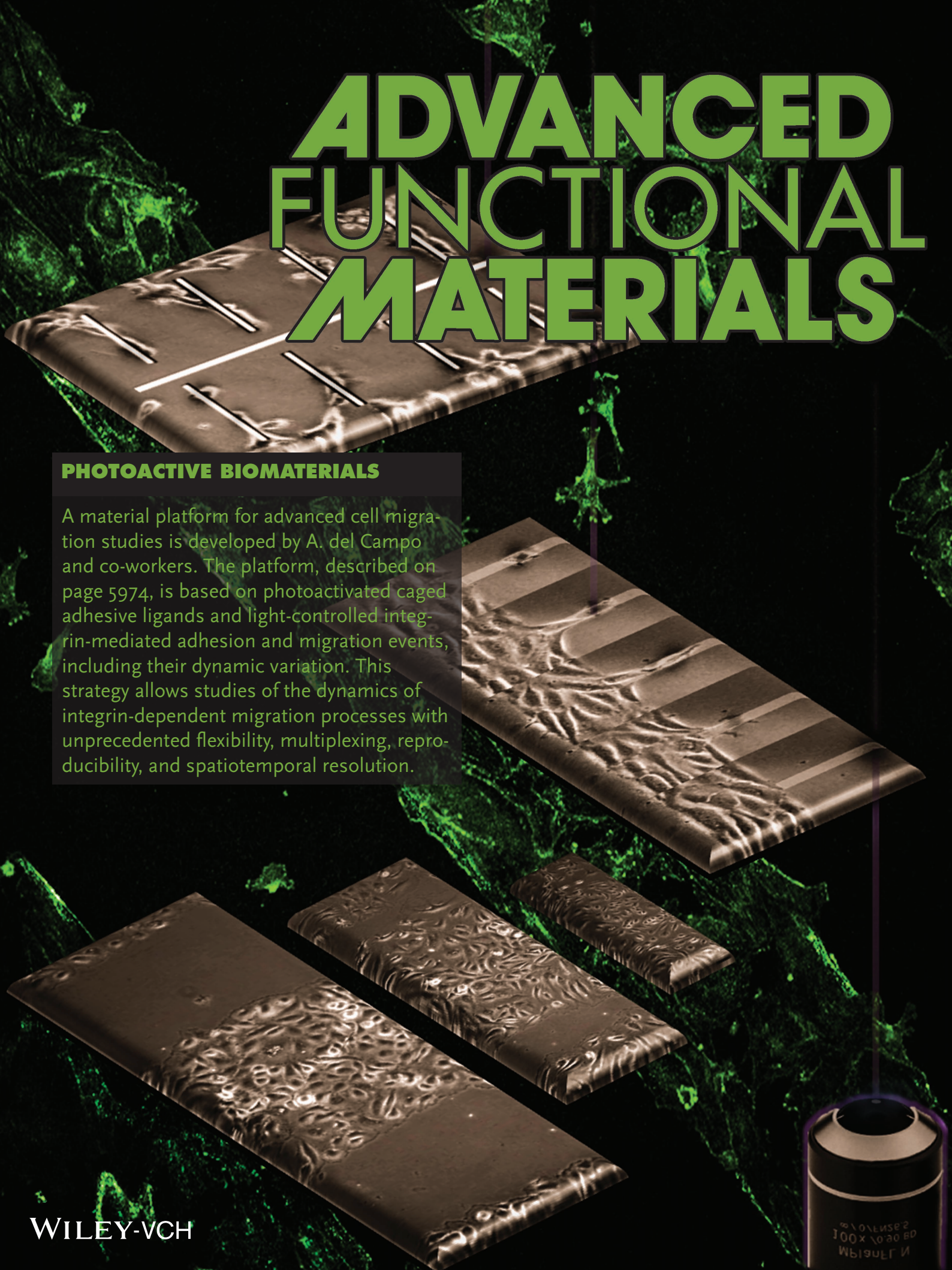
ADVANCED FUNCTIONAL MATERIALS



PHOTOACTIVE BIOMATERIALS

A material platform for advanced cell migration studies is developed by A. del Campo and co-workers. The platform, described on page 5974, is based on photoactivated caged adhesive ligands and light-controlled integrin-mediated adhesion and migration events, including their dynamic variation. This strategy allows studies of the dynamics of integrin-dependent migration processes with unprecedented flexibility, multiplexing, reproducibility, and spatiotemporal resolution.

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