The cover picture shows a high-resolution fluorescence image (12x7 μm²) of the pathogen recognition receptor DC-SIGN expressed on the membrane of an immature dendritic cell. Simultaneously the topography (gray) and the fluorescence (color) image have been obtained using near-field scanning optical microscopy (NSOM; lower left panel). Because spatial resolution and single-molecule detection sensitivity are increased, NSOM is capable to resolve individual domains of DC-SIGN of typically 185 nm in size that are randomly distributed over the whole cell membrane (lower right panel). Find out more in the Article by de Bakker et al. on page 1473.