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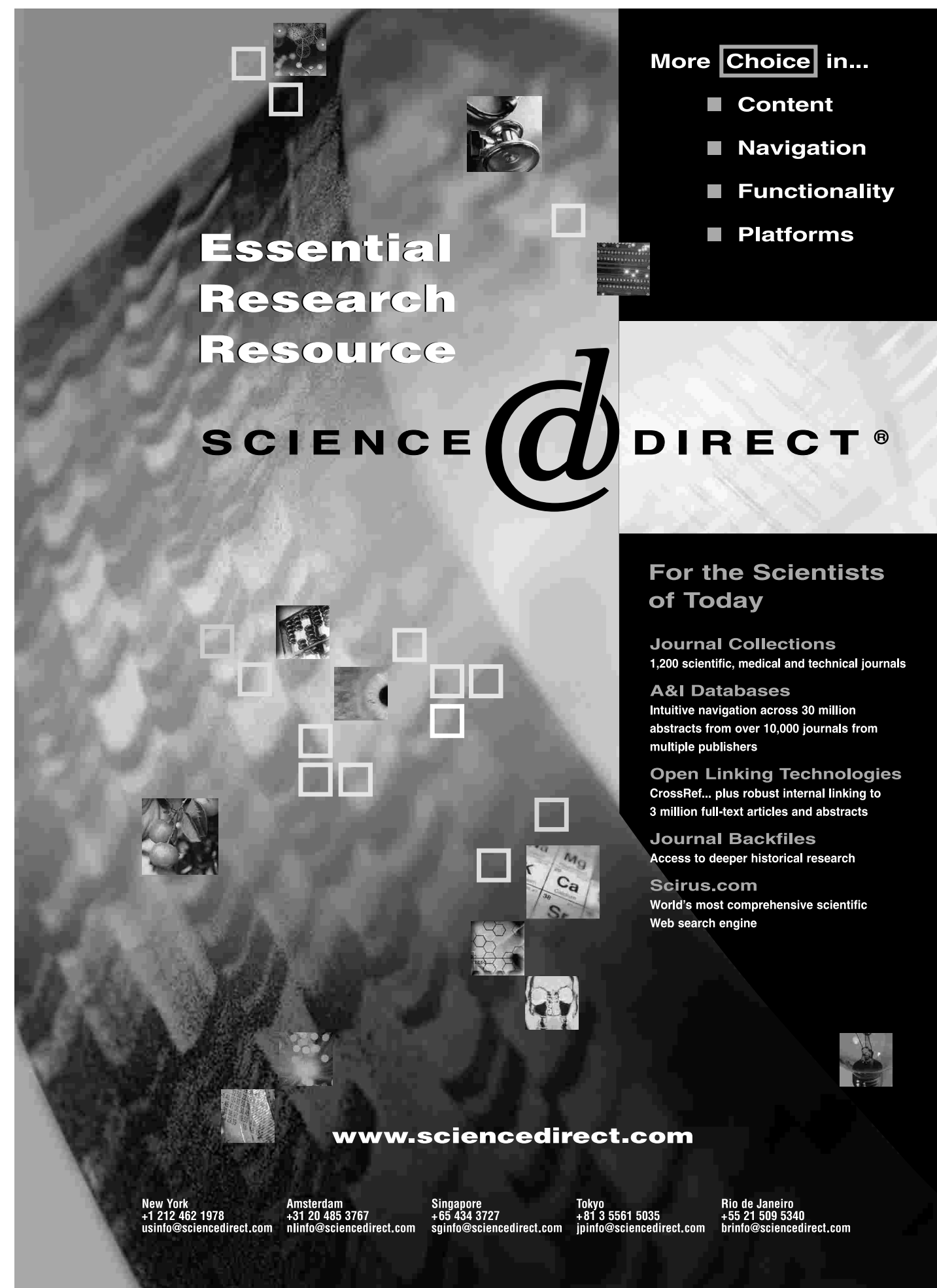
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Cover illustration: A fluorescence micrograph that depicts an aggregate of cancerous human leukocytes (Jurkat). Aggregation of these cells is promoted by an assembly of the tetrameric plant lectin concanavalin A (Con A) on a multivalent display of mannose (inset). The polymeric scaffold clusters the lectin, and the resulting complex binds with high avidity to pathogenic cells that display higher levels of specific glycoproteins. This approach may lead to new strategies for targeting pathogenic cells for clearance. The cells are labeled with Hoechst and viewed at 400× magnification. The scaffold-protein complex was assembled in SYBYL 6.2 and rendered in WebLabViewer Lite 4.0. Picture provided by Professor Laura L. Kiessling and H. Adam Steinberg, University of Wisconsin-Madison, USA.



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