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### *On the Cover*

Our insight into human health and disease is dependent on our ability to understand dynamic and increasingly complex cellular and molecular processes. Three-dimensional (3D) visualizations have the potential to transform the way we think about the cellular and molecular world since they offer a glimpse into events beyond the reach of human senses. A study by Jodie Jenkinson and Gaël McGill (see page 103) examined the relative effectiveness of 3D visualization techniques for learning about protein conformation and molecular motion in association with a ligand/receptor binding event. Stem cell factor ligand and cKit receptor tyrosine kinase, pictured here, were used as a classical example of a ligand-induced receptor dimerization and activation event. Illustration by Eric Keller, Gaël McGill, and Jodie Jenkinson.