931 Genes—to have and to hold

933 THE AUTHOR FILE: Marco Capitanio

935 POINTS OF VIEW: Power of the plane

937 A coincidence reporter-gene system for high-throughput screening
Ken C-C Cheng & James Ingles

938 Aptamers as potential tools for super-resolution microscopy
Felipe Opazo, Matthew Levy, Michelle Byrom, Christina Schäfer, Claudia Geisler, Teja W Groemer, Andrew D Ellington & Silvio O Rizzoli

939 Genes—to have and to hold

941 For every protein its tag

942 The root of all evil

944 Über-accurate sequencing

945 METHODS IN BRIEF

946 TOOLS IN BRIEF

947 Peeking below the belt in C. elegans

948 How vesicles put on their coat

950 Targeting with PRM

953 Rendering the brain-behavior link visible
Vivien Marx

961 Zooming in on genome organization
Xianghong Jasmine Zhou & Frank Alber
see brief communication page 969 and article page 999

965 Shedding light on G protein–coupled receptor signaling
Marc Parmentier
see article page 1021
Ultrafast force-clamp spectroscopy characterizes load dependence of the interaction between a single bead-attached myosin molecule (structure at center) and an actin filament (long polymer). Optical traps (red cones) apply constant forces on the actin ends. Artistic rendering by Marco Capitanio.

Article p1013

969 Ultrafast force-clamp spectroscopy characterizes load dependence of the interaction between a single bead-attached myosin molecule (structure at center) and an actin filament (long polymer). Optical traps (red cones) apply constant forces on the actin ends. Artistic rendering by Marco Capitanio.

973 Coupling endonucleases with DNA end-processing enzymes to drive gene disruption


977 Autonomous screening of C. elegans identifies genes implicated in synaptogenesis

Matthew M Crane, Jeffrey N Stirman, Chan-Yen Ou, Peri T Kurshan, James M Rehg, Kang Shen & Hang Lu

981 Reversible labeling of native and fusion-protein motifs

Nicolas M Kosa, Robert W Haushalter, Andrew R Smith & Michael D Burkart