535 Summer reading

RESEARCH HIGHLIGHTS

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538 Virus to the rescue
538 Pinning down prions
539 News in brief
540 All that glitters but does not blink
542 Light activation uncaged
544 Throwing a ROCK inhibitor at a problem
545 3D laser blasting for biologists

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547 Recombinant RNA expression
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548 Imaging neoplasia in zebrafish
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589 Cell migration: our protruding knowledge
Nathan Blow

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567 Into the deep: ultraviolet microscopy

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551 Ultrasound biomicroscopy permits in vivo characterization of zebrafish liver tumors
Wolfram Goessling, Trista E North & Leonard I Zon
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555 Bright monomeric red fluorescent protein with an extended fluorescence lifetime
Ekaterina M Merzlyak, Joachim Goedhart, Dmitry Shcherbo, Mariya E Bulina, Aleksandr S Shcheglov,
Arkady F Fradkov, Anna Gaintzeva, Konstantin A Lukyanov, Sergey Lukyanov, Theodorus W J Gadella &
Dmitriy M Chudakov

559 Imaging axonal transport of mitochondria in vivo
Thomas Misgeld, Martin Kerschensteiner, Florence M Bareyre, Robert W Burgess & Jeff W Lichtman

563 Trawler: de novo regulatory motif discovery pipeline for chromatin immunoprecipitation
Laurence Ettwiller, Benedict Paten, Mirana Ramialison, Ewan Birney & Joachim Wittbrodt

567 Nucleic acid and protein mass mapping by live-cell deep-ultraviolet microscopy
Benjamin J Zeskind, Caroline D Jordan, Winston Timp, Linda Trapani, Guichy Waller, Victor Horodincu,
Daniel J Ehrlich & Paul Matsudaira

571 Recombinant RNA technology: the tRNA scaffold
Luc Ponchon & Frédéric Dardel
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577 Strategy for the fine characterization of glycosyltransferase specificity using isotopomer assembly
Hiromi Ito, Akihiko Kameyama, Takashi Sato, Masako Sukegawa, Hide-Ki Ishida & Hisashi Narimatsu

583 Determination of the sites of tyrosine O-sulfation in peptides and proteins
Yonghao Yu, Adam J Hoffhines, Kevin L Moore & Julie A Leary

595 CORRIGENDA and ERRATA