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467 CANCER GENOMICS Initial genome sequencing and analysis of multiple myeloma MA Chapman et al.



ON THE COVER

### op model

Two papers demonstrate the value of the transgenic zebrafish melanoma model. SETDB is identified as an important human oncogene, and leflunomide shown to have promising antimelanoma activity. The heavily pigmented zebrafish on the cover is expressing the oncogenes SETDB1 and BRAF(V600E) in its melanocytes. PAGES 513 & 518

473 GENOMICS The developmental transcriptome of Drosophila melanogaster

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480 FUNCTIONAL GENOMICS Comprehensive analysis of the chromatin landscape in Drosophila melanogaster PV Kharchenko et al. SEE N&V P.458

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499 NEUROGENETICS Duplications of the neuropeptide receptor gene VIPR2 confer significant risk for

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504 DEVELOPMENTAL BIOLOGY In vitro production of functional sperm in cultured neonatal mouse testes T Sato et al. SEE N&V P.453

508 STEM CELLS Fat cells reactivate quiescent neuroblasts via TOR and glial insulin relays in Drosophila R Sousa-Nunes, L L Yee & A P Gould

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518 CANCER DHODH modulates transcriptional elongation in the neural crest and melanoma R M White et al.

523 CANCER FAS and NF-κB signalling modulate dependence of lung cancers on mutant EGFR T G Biyona et al.

527 GENOMICS A cis-regulatory map of the Drosophila genome N Nègre et al. SEE N&V P.458

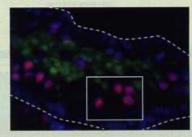
532 MOLECULAR BIOLOGY TERRA and hnRNPA1 orchestrate an RPA-to-POT1 switch on telomeric single-stranded DNA R L Flynn et al.

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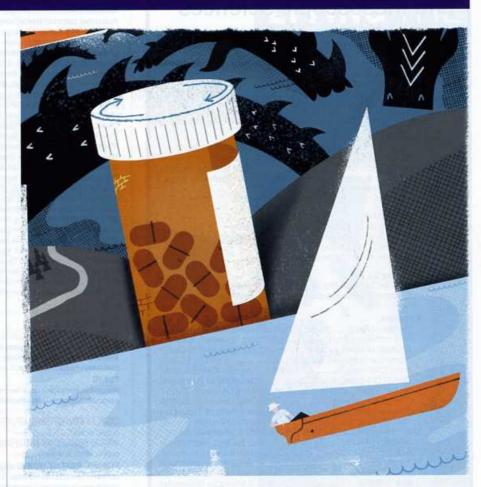
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MORE ONLINE

### LATEST RESEARCH

 Cancer epigenetics reaches mainstream oncology

### go.nature.com/5vi6bj

- New theories and techniques in detecting cancer go.nature.com/m5lxrK
- To find the latest research papers on novel cancer drugs go.nature.com/mk1jkp

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