



A look at the key economic models, which have redefined how humans view living organisms as economic resources that can be driven to extinction. (p. 16-21)



Using MR imaging, Belgian neuroscientists have recently discovered that the brain of a songbird gets geared up for the breeding season in more ways than just one. (p. 30-31)



Instead of spending money on an expensive dot blot device, one may build a cheap dot blot apparatus from the lid of an old tip box. (p. 51)



Why is science such an absorbing and appealing activity? A fascinating documentary on brain researcher and Nobel laureate Eric Kandel might deliver answers. (p. 58-59)

News

Gender differences in science / Questionable metabolome study / Recently awarded / UK university budget cuts / France: Borrowing money for research _____ 6-10

Opinion

Research letter from ...England: *Females Thrive After Sex* _____ 12
Observations of The Owl (21): *Fighting The Beast* _____ 14

Analysis

The economics of extinction

How much is a species worth? _____ 16

Lab supply shortages

What to do if a supplier suddenly discontinues a product indispensable for your research _____ 22

Career strategies for young European scientists (XX)

Doing a PhD (or more) in Italy _____ 36

Journal Club

Compact Origin of life / Transcription control / Cell senescence _____ 26

Munich/Germany Protein synthesis at the ribosome _____ 28

Antwerp/Belgium Imaging seasonal neuroplasticity _____ 30

Publication Statistics

Basic neuroscience in Europe _____ 32

Don't be misled by citation figures! (20): *The Far East - Get to Know the Unknown* _____ 35

Biobusiness

News

EU prompts anti-trust investigation on generic / Can GPUs simulate supercomputers? _____ 42

Personal genomics

23andMe receives generous cash backing while Decode Genetics struggles, and other competitors are entering the playing field _____ 44

Next generation sequencing

Device manufacturers buy into young companies, while Chinese branch out into the market _____ 46

Close-up: Newbiotechnic (Seville, Spain)

For ten years, a young Andalusian team has been developing environmentally friendly phytosanitary products from microbes _____ 48

Service

Methods

Tips and tricks of the trade: Cheap and simple dot blot technique _____ 51

Bench philosophy (22): Next generation sequencing software _____ 52

Product survey: Laboratory automation _____ 54

DVD review

In Search of Memory. The Neuroscientist Eric Kandel. _____ 58

New products _____ 60

Calendar _____ 61

Appointments _____ 64

Humour

Paul the Postdoc _____ 06

The Other Dictionary (1) _____ 15

One fine day in the lab (16) _____ 59

Cartoon: *Superdoc* (16) _____ 66

Contact _____ 35