

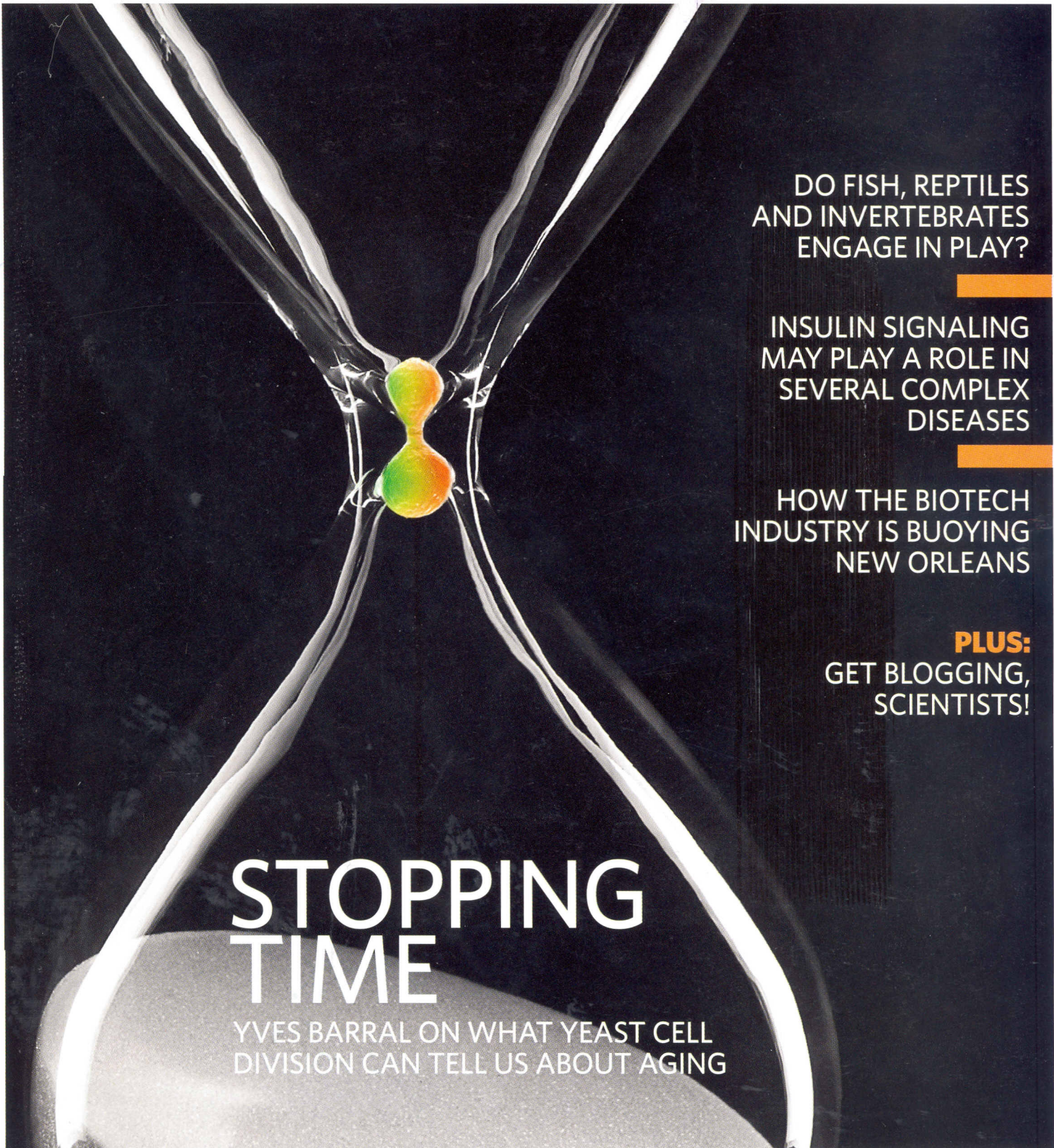
The logo consists of the text 'F1000' in a large, white, sans-serif font, with 'FACULTY of 1000' in a smaller, white, sans-serif font below it. The entire logo is set against a red rectangular background.

F1000
FACULTY of 1000

OCTOBER 2010

TheScientist

MAGAZINE OF THE LIFE SCIENCES

The background of the cover is a large, stylized hourglass. The top and bottom bulbs of the hourglass are filled with a dark, textured material, possibly representing sand or a microscopic view of a material. The narrow neck of the hourglass is the focal point, where a single, brightly colored cell is positioned. The cell is roughly spherical and has a green outer layer with a yellow-orange center, suggesting a nucleus. The cell appears to be suspended in the neck of the hourglass, as if time is being stopped. The overall color scheme is dark, with the bright colors of the cell providing a strong contrast.

DO FISH, REPTILES
AND INVERTEBRATES
ENGAGE IN PLAY?

INSULIN SIGNALING
MAY PLAY A ROLE IN
SEVERAL COMPLEX
DISEASES

HOW THE BIOTECH
INDUSTRY IS BUOYING
NEW ORLEANS

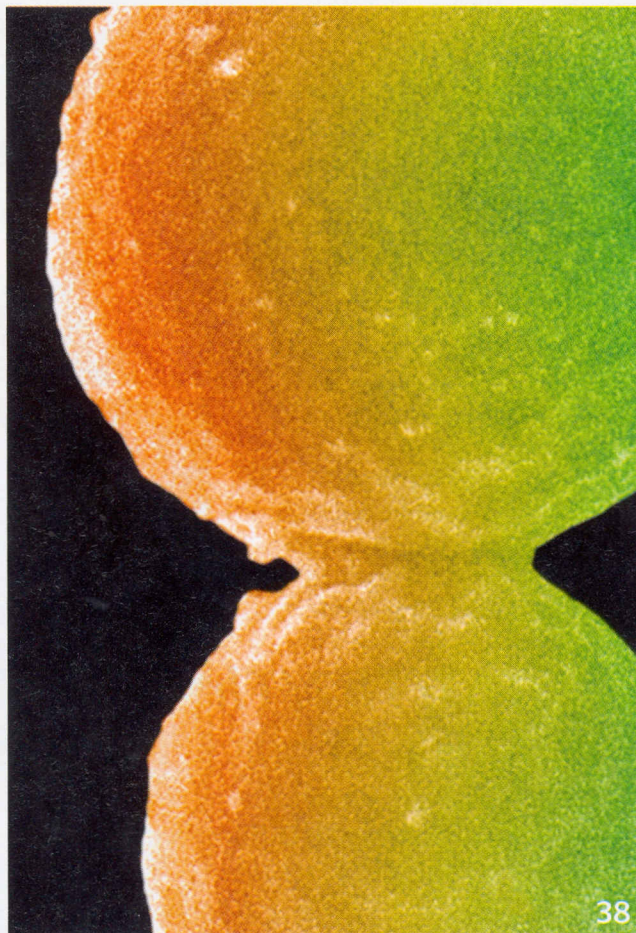
PLUS:
GET BLOGGING,
SCIENTISTS!

STOPPING TIME

YVES BARRAL ON WHAT YEAST CELL
DIVISION CAN TELL US ABOUT AGING

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October 2010



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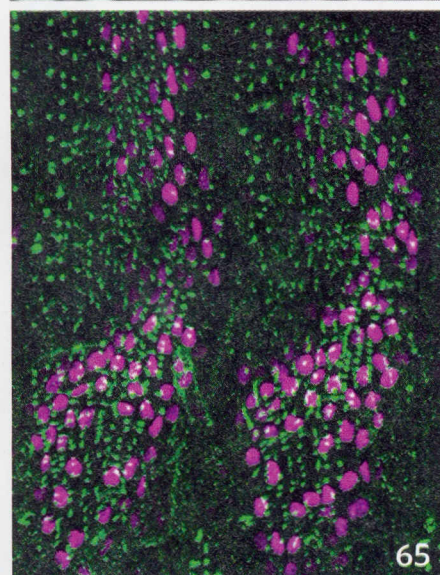
- 38** **The Gates of Immortality**
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- 44** **Recess**
 Fish, reptiles, and even some invertebrates like to play. But when is it play and not something else? And why do animals do it? JEF AKST goes in search of answers.

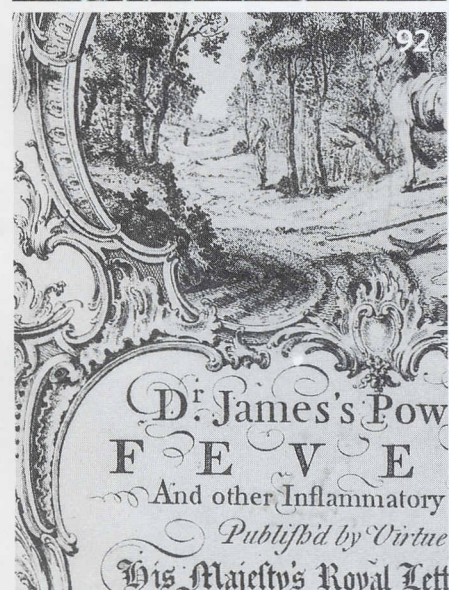
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