## EMBO Science & Society Programme – Bringing the life sciences and society closer.



# What proportion of people are studying science these days?

2000 figures

Proportion of science graduates to total graduates in all subjects: EU-15: 11.9% USA: 8.2% Japan: 2.3%

2003 figures

Proportion of science graduates to total graduates in all subjects: EU-25: 11.0% (top: Ireland 18.0%; bottom Hungary 2.9%) USA: 10.6% Japan: 3.0% (Turkey probably around 15%)







Promoting and rewarding communication

Promoting molecular biology

Scientific input into policymaking

ЕМВО



### Science & Society at EMBO

- International conferences (EMBØEMBL)
  - International education workshops
- Award for Communication in the Life Sciences
  - Writing prize for young life scientists
- Media workshops
  - Special sessions on Science & Society
  - Focus meetings producing policy advice
    - Small grants scheme











# EMBO's European Network for Biology Education



#### Science for policy



challenges. It provides a fresh stimulus for considering current

Many aims of the revision are achievable through existing

regulations. These require experiments to be done in accordance with the best current scientific knowledge – an area already

will be revised, and national laws must implement it. It therefore

pays to examine some possible changes that urgently deserve

the attention and input of researchers in particular fields.

addressed by independent training and accreditation organisations (e.g. FELASA and AAALAC inti.). Nevertheless, the Directive

regulation and the value of communicating research and its

practices, the superiority of self-regulation over external

methods proactively.

authorisation of al experiments. Many countries in Europe already apply strictor regulations than the current Directive strictetes, but there is much variation. Updating the directive will help to standardise national legislation and harmorise the conditions applying to aritmal research across the European Union.

The revision is expected to focus strongly on improvements in animal welfare providers and the promotion of alternative techniques. It will probably specifically address conditions for animal use in new research methods post-during the original Directive (e.g. transportes, xenotransplantation and doning research) and experiments on highly sentient animals, e.g. nonhuman primates.

<sup>1</sup>The meeting was held under the suspices of EMBO This document reflects discussions at that meeting, and is not a policy statement from EMBO or individual participants

ЕМВО

#### 'Europeanising" Science & Society

•Providing platforms and events for communication, discussion and exchange

Establishing networks

•Setting models and giving advice



•Producing and disseminating trustworthy materials (guides, information, educational resources, policy advice)

•Co-ordinating diffused actions to generate a unified profile

•Contributing to other events

EMBO

•Obtaining a picture of Europe as a whole, and of inter-country diversity

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