

# Biotechnology: Possibilities, Risks, Ethics and Society

An international symposium in connection with the Science Generation project

24 August 2004, Näringslivets Hus, Storgatan 19, Stockholm, Sweden

## Welcome to the symposium

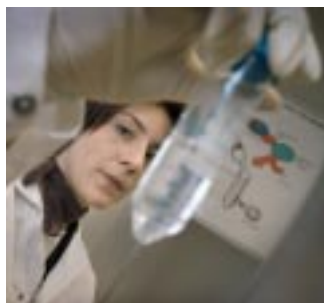
The third international Science Generation symposium will take place in Stockholm on 24 August 2004 as a satellite activity to EuroScience Open Forum 2004.

The symposium will include a number of presentations, but the main focus will be two round table discussions on genetically modified crops and genetic integrity. The discussions will demonstrate the need for bridging the gap between science and society.

The participants will be scientists, industrial players, philosophers, lawyers, politicians, representatives from the public sector, as well as teachers, students and parents.

The first international Science Generation symposium took place in Paris in 2001 and the second was held in Milan in 2003.

This time the symposium is arranged by the Royal Swedish Academy of Engineering Sciences.



*Who should know your genes*

*Genetically modified potato plant*

8.00–8.30 Registration

8.30–9.45 **Welcome**

**Lena Torell**, President of the Royal Swedish Academy of Engineering Sciences

**The Science Generation project: an overview presentation of the activities in France, Italy and Sweden**

**Pierre Fillet**, Secretary General of Euro-CASE

**Life Sciences and Biotechnology: the view of the Swedish government concerning possibilities, risks, ethics and society**

**Thomas Östros**, Minister for Education and Science, Sweden

**Science and Society: EC strategy and actions**

**Rainer Gerold**, Director of Science and Society, DG Research, European Commission

**Life Sciences and Biotechnology: Strategy of the Union and the significance of projects similar to 'Science Generation'**

**Christian Patermann**, Director of Biotechnology, Agriculture and Food, DG Research, European Commission

9.45–10.15 Coffee/Tea break

10.15–12.30 **Genetically modified crops – possibilities, risks, ethics and society**

**Genetics to change nutritional composition – the golden rice**

**Ingo Potrykus**, Professor, ETH Zentrum, Switzerland

**GMO and risk assessment**

**Philip J. Dale**, Professor, John Innes Centre, United Kingdom

Participants in the first round table discussion:

**Philip J. Dale**, Professor, John Innes Centre, United Kingdom

**Minna Gillberg**, Senior Advisor to Margot Wallström, Commissioner for the Environment

**Beate Kettlitz**, Food Policy Advisor, European Consumers' Organisation, BEUC

**Lennart Nyman**, Conservation Director, World Wide Fund for Nature, WWF

**Christian Patermann**, Director of Biotechnology, Agriculture and Food, DG Research, European Commission

**Ingo Potrykus**, Professor, ETH Zentrum, Switzerland

12.30–14.00 Lunch

14.00–15.00 **Vision of future biotech applications**

**Mathias Uhlén**, Professor, Royal Institute of Technology, Sweden

**The use of DNA as evidence in criminal cases**

**Marie Allen**, Assistant Professor, Uppsala University, Sweden

15.00–15.30 Coffee/Tea Break

15.30–16.50

**Genetic integrity – who should know your genes and for what purposes?**

**The possible uses of genetic information**

**Mathias Uhlén**, Professor, Royal Institute of Technology, Sweden

**Introduction to the round table discussion**

**KG Hammar**, Archbishop in the Church of Sweden

Participants in the second round table discussion:

**Rainer Gerold**, Director of Science and Society, DG Research, European Commission

**KG Hammar**, Archbishop in the Church of Sweden

**Mats G. Hansson**, Director of the Centre for Bioethics at Karolinska Institutet and Uppsala University, Sweden

**Angus Macdonald**, Professor, Heriot-Watt University and director of the Genetics and Insurance Research Centre, United Kingdom

**Ulf Pettersson**, Professor, Uppsala University, Sweden

**Karin Sandström**, Analyst, The Swedish Disability Federation

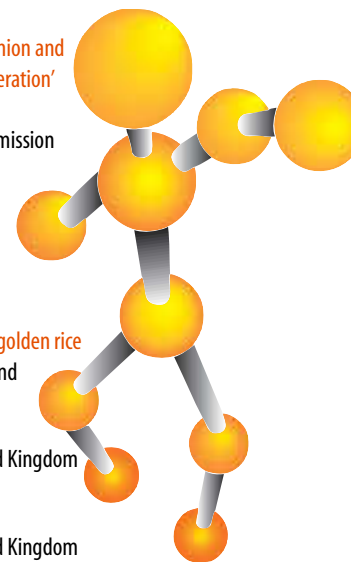
**Mathias Uhlén**, Professor, Royal Institute of Technology, Sweden

**Li Westerlund**, Senior Associate, RydinCarlsten Advokatbyrå, Sweden  
Teacher, student and parent from the Science Generation project

16.50–17.00

**Concluding remarks**

**Kristina Glimelius**, Vice Principal of the Swedish University of Agricultural Sciences and Chairperson of the Swedish Science Generation project



## Science Generation

Science Generation is a 3-year project funded by the European Commission through the Fifth Framework Programme. The project aims to bridge the gap between science and society by promoting a dialogue on possibilities, risks and ethics. This will promote increased awareness and knowledge of biosciences and biotechnology. To achieve this goal, the project has initiated local mobilisation channels involving primarily young people, parents and teachers. They are given opportunities to express their hopes and fears about science, their expectations with respect to information, and how they would like to play a more active role in the debates inspired by science-related issues.

Read more on the project website:  
[www.science-generation.com](http://www.science-generation.com)

## Information

Participation in the symposium is free of charge. For information in detail, please visit [www.science-generation.nu](http://www.science-generation.nu)

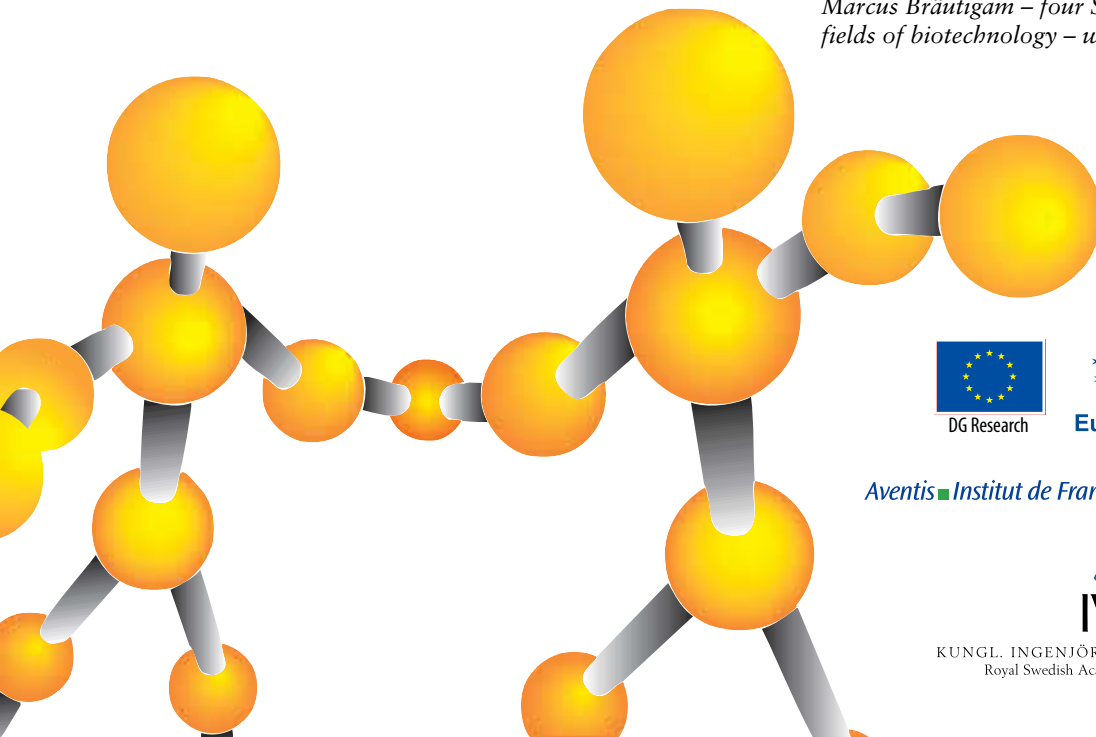
If you have questions regarding the symposium, please contact Mrs. Gunilla Blomberg, tel: +46 8 791 29 91, e-mail: [gunilla.blomberg@iva.se](mailto:gunilla.blomberg@iva.se) or Mrs. Cissi Askwall, tel: +46 8 791 30 48, e-mail: [cissi.askwall@iva.se](mailto:cissi.askwall@iva.se)



*Malin Wikström, Sofie Singbrant, Johan Dixelius and Marcus Bräutigam – four Swedish scientists in different fields of biotechnology – will chair the discussions*

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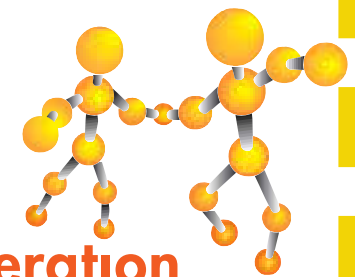
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Aventis Institut de France Foundation



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Royal Swedish Academy of Engineering Sciences



**sciencegeneration**

Stockholm, Sweden  
24 August 2004

Venue: Näringslivets Hus, Storgatan 19