

**Nomination Form for the Biosafety Roster of Experts**  
Version 5 June 2002

**Expert Information**

Please provide full names rather than only acronyms or initials

Title:	<input type="checkbox"/> Ms.	<input type="checkbox"/> Mr.	<input type="checkbox"/> Other: _____
	<input type="checkbox"/> Professor	<input checked="" type="checkbox"/> Dr.	
Name:	Niels Bohse Hendtixsen		
Employer / Organization:	National Environmental Research Institute Department of Environmental Chemistry and Microbiology		
Job Title:	Senior scientist		
Address:	Frederiksborgvej 399, P.O. Box 358, DK-4000 Roskilde		
Telephone:	+45 46301372		
Facsimile:	+45 46301216		
Email:	nbh@dmu.dk		
Web Site:	www.dmu.dk		
Year of Birth:	1952		
Gender:	<input type="checkbox"/> Male	<input type="checkbox"/> Female	
Nationality:			

**Details of Current Employment**

Start Date of Employment (year):	1990		
Organization Type:	<input checked="" type="checkbox"/> Academic	<input type="checkbox"/> Industry	
	<input type="checkbox"/> Government	<input type="checkbox"/> Non-Governmental Organization (NGO)	
	<input type="checkbox"/> Inter-Governmental Organization (IGO)	<input type="checkbox"/> Other: _____	
Main Areas of Responsibility:	Risk assessment of microorganisms for contained use and for releases. Evaluation of risks related to element cycling. Research related to these topics.		

**Education**

Formal education and other qualifications:	Msc, PhD		
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## Expertise

This section allows you to specify your main expertise for contribution to the roster. Areas of expertise are organized under 8 broad subheadings as follows:

1. Data Management and Information Sharing 2. Institutional Development 3. Legislation and Regulation 4. Public Awareness and Participation	5. Research and Development 6. Risk Assessment and Risk Management (including specification of organisms and traits) 7. Social and Economic Sciences 8. Teaching and Training
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Please indicate only the particular subjects in which you have **specialized expertise**.

### Data Management and Information-Sharing

- Database  
 Environmental statistics  
 Information exchange  
 Information technology  
 Information clearing-house  
 Other: \_\_\_\_\_

### Institutional Development

- Agricultural management  
 Environmental management  
 Human resources  
 Infrastructure development  
 Project administration  
 Public health  
 Resources management  
 Other: \_\_\_\_\_

### Legislation and Regulation

- Access and Benefit Sharing  
 Biosafety regulation  
 Intellectual property law  
 International environmental law  
 International trade law  
 National environmental law  
 National trade regulations  
 Other: \_\_\_\_\_

### Public Awareness and Participation

- Campaigning and advocacy  
 Community participation  
 Journalism  
 Public information / communications

### Research and Development

- Biotechnology product development  
 Biotechnology research  
 Other: \_\_\_\_\_

### Risk Assessment and Risk Management

- Agricultural ecology  
 Agriculture  
 Alien invasive species  
 Analytical detection methods  
 Animal ecology  
 Animal pathology  
 Aquaculture  
 Biochemistry  
 Biotechnologies  
 Botany  
 Entomology  
 Environmental impact assessment  
 Epidemiology  
 Evolutionary biology  
 Food sciences  
 Forestry ecology  
 Genetic engineering  
 Genetics of natural populations

### Risk Assessment and Risk Management (continued)

- Human biology  
 Indigenous knowledge  
 Marine biology / ecology  
 Microbial Ecology  
 Microbiology  
 Molecular biology  
 Mycology  
 Pest management  
 Plant pathology  
 Plant physiology  
 Population biology  
 Risk assessment process design and application  
 Soil biology  
 Taxonomy  
 Toxicology  
 Virology  
 Zoology  
 Other: \_\_\_\_\_

<u>Organisms:</u> (specify organisms for which you have expertise, indicating Genus and species where possible)	Bacillus thuringiensis
<u>Organism Traits:</u> (specify organism traits for which you have expertise)	<input checked="" type="checkbox"/> Insect resistance <input type="checkbox"/> Marker genes <input checked="" type="checkbox"/> Nematode resistance <input type="checkbox"/> Product quality <input type="checkbox"/> Virus resistance <input type="checkbox"/> Other: _____
<u>Social and Economic Sciences</u>	<u>Teaching and Training</u>
<input type="checkbox"/> Agricultural economics <input type="checkbox"/> Bioethics <input type="checkbox"/> Environmental economics <input type="checkbox"/> Life cycle assessment <input type="checkbox"/> Social sciences <input type="checkbox"/> Socio-economic factors <input type="checkbox"/> Sustainable development <input type="checkbox"/> Technology assessment <input type="checkbox"/> Other: _____	<input type="checkbox"/> Environmental education <input type="checkbox"/> Extension work <input type="checkbox"/> Informal teaching (e.g., workshop facilitation) <input type="checkbox"/> Other: _____

## Employment History

Main Countries or Regions Worked: Scandinavia

Please give details of previous employment beginning with the most recent previous employer.

### *Previous Employer 1*

Name of the Employer / Organization: University of Copenhagen

Job Title:

Duration of Time Employed: 4 years

Address:

Main Areas of Responsibility: Research

### *Previous Employer 2*

Name of the Employer / Organization: University of Roskilde

Job Title:

Duration of Time Employed: 2 years

Address:

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Main Areas of Responsibility: Teaching

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*Previous Employer 3*

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Name of the Employer / Organization:

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Job Title:

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Duration of Time Employed:

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Address:

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Main Areas of Responsibility:

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*Other Relevant Work Experience*  
(e.g. volunteer work experience)

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Description:

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Responsibilities:

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### **Publications**

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Three most relevant publications:

1. Hansen, B.M. and Hendriksen, N.B. (2001) Bacillus thuringiensis. Environmental Health Criteria: IPCS. WHO, Geneva
  2. Strandberg, B., Hendriksen, N.B.; Kjellsson, G. and Damgaard, C. (2001) Impact of the Genetically Modified Organisms on the Environment. Mapping of Risks. Report to JRC, EU. Not published.
  3. Christiansen, B., Gaarslev, K., Hammer, K., **Hendriksen, N.B.**, Jepsen, O.B., Kerszman, G., Kjøller, A., Lund, E., Olson, L., Schlundt, J., Stenderup, A. and Sørensen, J. (1991) Host organisms for industrial large scale production (GILSP) 1 and 2, Miljøprojekt 182 and 183, National Environmental Protection Agency.
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List of publications (please list complete citations of all peer-reviewed articles, books, book chapters, conference papers and other publications; you may send a file if the list is long):

Normander, B. and **Hendriksen, N.B.** (2002) Effective dose of a microbial inoculant is one to four cells in the rhizosphere. *Can J. Microbiol.* In press

**Hendriksen, N.B.** and Hansen, B.M. (2002) Long term survival and germination of *Bacillus thuringiensis* var *kurstaki* in a field trial. *Can. J. Microbiol.* 48, 256-261.

Hansen; B.M., Leser, T.D. and **Hendriksen, N.B.** (2001) Polymerase chain reaction for the detection of *Bacillus cereus* group cells. *FEMS Microbiol. Lett.* 202, 209-213.

Hansen, B.M. and **Hendriksen, N.B.** (2001) Detection of Enterotoxigenic Strains of *Bacillus cereus* and *B. thuringiensis* by PCR Analysis. *Appl. Environ. Microbiol.* 67, 185-189.

Normander, B., **Hendriksen, N.B.** and Nybroe, O. (1999) Green fluorescent protein-marked *Pseudomonas fluorescens*: localization, viability and activity in the natural barley rhizosphere. *Appl. Environ. Microbiol.* 65, 4646-4651.

Hansen, B.M. and **Hendriksen, N.B.** (1999) Ecological aspects of the survival in soil of spray released *Bacillus thuringiensis* subsp. *kurstaki*. *IOBC wprs Bulletin* 22(2), 21.

Mayr, C., Winding A. and **Hendriksen, N.B.** (1999): Functional diversity of soil bacterial communities are unaffected by extraction method. *J. Microbiol. Methods* 36, 29-33.

Marinissen, J.C.Y., Winding, A., **Hendriksen, N.B.** and Pulleman, M.M. (1998): Organic matter dynamics are affected by microbial activity in biogenic aggregates. I Proceedings ISSS, Symposium 9, paper 1516 (CD-rom).

Hansen, B.M. and **Hendriksen, N.B.** (1998). Comparative PCR analysis of *B. thuringiensis* and *B. cereus*. *IOBC wprs Bulletin* 21(4), 221-224.

**Hendriksen, N.B.** and Hansen, B.M. (1998): Phylogenetic relations of *Bacillus thuringiensis*: implications for risks associated to its use as a microbiological pest control agent. *IOBC wprs Bulletin* 21(4), 5-8.

Nielsen-LeRoux, C., Hansen, B.M. and **Hendriksen, N.B.** (1998): Safety of *Bacillus thuringiensis*. *IOBC wprs Bulletin* 21(4), 269-272.

Ritz, K., Griffiths, B., **Hendriksen, N.B.** og Torsvik, V. (1997): Analysis of soil and bacterioplankton community DNA by melting profiles and reassociation kinetics. *FEMS Microbiology Letters* 149, 151-156.

Winding, A. and **Hendriksen, N.B.** (1997) Biolog assay for metabolic fingerprints of soil bacteria: incubation conditions and sensitivity. In "Microbial Communities: Functional versus Structural Approaches (Insam, H. and Ranggner, A. (eds.)), 195- 205.

Windina, A., Rønn, R. and **Hendriksen, N.B.** (1997)

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### Awards and Memberships

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Scientific awards,  
professional societies,  
honorary memberships, and  
membership in advisory  
committees/panels:

Member of the OECD working group on genetically modified  
microorganisms

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### Knowledge of Languages

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Mother Tongue:

Arabic:  English  Russian

Chinese:  French  Spanish

Other: Danish

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Speak well:

Arabic:  English  Russian

Chinese:  French  Spanish

Other: \_\_\_\_\_

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Read well:

Arabic:  English  Russian

Chinese:  French  Spanish

Other: \_\_\_\_\_

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Write well:

Arabic:  English  Russian

Chinese:  French  Spanish

Other: \_\_\_\_\_

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### References

Please give name and detailed contact information for key professional references

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Reference 1:

Niels Kroer, Head of Department, National Environmental  
Research Institute.

[nk@dmu.dk](mailto:nk@dmu.dk), +45 46301388

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Reference 2:

Finn Bech, Danish Forest and Nature Agency, Haraldsgade 53,  
DK 2100 Copenhagen Ø, [fwb@sns.dk](mailto:fwb@sns.dk), +45 39472264

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Reference 3:

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### Any Other Relevant Information

Please list any other information relevant to your role as an expert.

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### Confirmation and Agreement

I hereby confirm that the above information is correct and agree for its inclusion in the Roster of Experts on Biosafety under the Cartagena Protocol on Biosafety and the Convention on Biological Diversity. I have no objection to this information being made publicly available.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

### Confirmation by Nominating Government

This section must be completed by a National Focal Point

Government:	
Name of Government Representative:	
Focal Point Type:	<input type="checkbox"/> ICCP National Focal Point <input type="checkbox"/> Cartagena Protocol on Biosafety National Focal Point <input type="checkbox"/> Biosafety Clearing-House National Focal Point <input type="checkbox"/> CBD National Focal Point
Date:	
Signature:	