

**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. X Professor	<input type="checkbox"/> Mr. <input type="checkbox"/> Dr.	<input type="checkbox"/> Other: _____
Name:	David B. Collinge		
Employer / Organization:	Section for Plant Pathology Department of Plant Biology Royal Veterinary and Agricultural University		
Job Title:	Professor of Plant Pathology		
Address:	Thorvaldsensvej 40 1871-Frederiksberg C, Denmark		
Telephone:	+45 35 28 33 56		
Facsimile:	+45 35 28 33 10		
Email:	dbc@kvl.dk		
Web Site:	http://www.plbio.kvl.dk/~dacoj3/		
Year of Birth:	1958		
Gender:	X Male <input type="checkbox"/> Female		
Nationality:	British		

Details of Current Employment

Start Date of Employment (year):	2002		
Organization Type:	<input checked="" type="checkbox"/> Academic <input type="checkbox"/> Government <input type="checkbox"/> Inter-Governmental Organization (IGO)	<input type="checkbox"/> Industry <input type="checkbox"/> Non-Governmental Organization (NGO) <input type="checkbox"/> Other: _____	

Main Areas of Responsibility: Duties include: Development of the field of Plant Pathology in Denmark. Leading the Section for Plant Pathology which currently numbers c. 25 academic and technical staff.
Running and lecturing for undergraduate and graduate courses, supervision of undergraduate and graduate students in plant pathological and biotechnology research, administration (e.g. chair departmental computer committee, member of education committee, member of KVL computer committee). Chief research interests: the nature of disease resistance in plants, mechanisms of pathogenesis, signal transduction in plants (over 40 publications from this position in international refereed journals to date - <http://www.plbio.kvl.dk/cv/david.htm> and http://www.plbio.kvl.dk/~dacoj3/pick_up/our_arts/).

Education

Formal education and other qualifications: B.Sc., 1979, in Genetics, University of Liverpool, England.
Ph.D., 1982, in Genetics, Department of Genetics, University of Newcastle Upon Tyne, England. Thesis: "The Genetic Control of Cyanogenic Glucoside Biosynthesis" plus 4 refereed articles with Dr. M.A. Hughes.

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	5. Research and Development
2. Institutional Development	6. Risk Assessment and Risk Management (including specification of organisms and traits)
3. Legislation and Regulation	7. Social and Economic Sciences
4. Public Awareness and Participation	8. Teaching and Training

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: _____

Organisms:

(specify organisms for which you have expertise, indicating Genus and species where possible)

e.g. Brassica rapa, Hordeum vulgare, Oryza sativa, Triticum aestivum
e.g. Blumeria graminis

Organism Traits:

(specify organism traits for which you have expertise)

- Antibiotic resistance
 Bacterial resistance
 Fungus resistance
 Herbicide tolerance

- Insect resistance
 Marker genes
 Nematode resistance
 Product quality
 Virus resistance
 Other: _____
-

Social and Economic Sciences

- Agricultural economics
 Bioethics
 Environmental economics
 Life cycle assessment
 Social sciences
 Socio-economic factors
 Sustainable development
 Technology assessment
 Other: _____

Teaching and Training

- Environmental education
 Extension work
 Informal teaching (e.g., workshop facilitation)
 Other: _____

Employment History

Main Countries or Regions Worked: Denmark, UK

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

Previous Employer 1

Name of the Employer / Organization: Department of Plant Biology (formerly Plant Pathology), Royal Veterinary and Agricultural University, (KVL), Copenhagen.

Job Title: Associate Professor,

Duration of Time Employed: 1988-3/2002

Address: Thorvaldsensvej 40
1871-Frederiksberg C, Denmark

Main Areas of Responsibility: Running and lecturing for undergraduate and graduate courses, supervision of undergraduate and graduate students in plant pathological and biotechnology research, administration (e.g. chair departmental computer committee, member of education committee, member of KVL computer committee).

Previous Employer 2

Name of the Employer / Organization: A.F.R.C. (now B.B.S.R.C.), Department of Genetics, John Innes Institute, Norwich, England.

Job Title: New initiative Postdoctoral fellow

Duration of Time Employed: 4/1985-6/1987

Address: John Innes Centre for Plant Science Research,
Colney Lane
Norwich. NR4 7UJ
UK

Main Areas of Responsibility: Molecular studies of the interaction of *Xanthomonas campestris* with turnips (3 refereed publications). Non-research duties included: Leader for a research technician, supervision of B.Sc. students in their final projects and teaching molecular biology to B.Sc. students.

Previous Employer 3

Name of the Employer / Organization:	Department of Genetics, University of Newcastle Upon Tyne, England.
Job Title:	Research Associate
Duration of Time Employed:	10/79-3/85
Address:	(Current) The Department of Biochemistry and Genetics, The Medical School, University of Newcastle upon Tyne, Framlington Place, Newcastle upon Tyne, NE2 4HH, UK
Main Areas of Responsibility:	Molecular studies of the cyanogenic β -glucosidase, linamarase of white clover (4 refereed publications). Non-research duties included: Leader for a trainee technician, supervision of several B.Sc. in their final projects and teaching genetics to B.Sc. students.
	<i>Other Relevant Work Experience</i> (e.g. volunteer work experience)
Description:	EXAMINER: ORGANIZATION OF MEETINGS: Symposium for the American Society of Industrial Microbiology (SIM): Plant-Pathogen Interactions: Interactions between plants and pathogen as tools for the development of new pest protection methods and strategies, Boston, USA, August 3, 1994 (with Morten Heide, Novo Nordisk). International workshop on 14-3-3 proteins in plants, 14th - 15th September 2000, Risø Denmark (with Michael G. Palmgren and Claus H. Andersen).
Responsibilities:	Biology: National Examiners Corps., Universities of Århus and Copenhagen (B.Sc. and M.Sc. theses, course in Plant Molecular Biology at Univ. Copenhagen). Biochemistry: National Examiners Corps., Copenhagen University, Copenhagen (B.Sc. and M.Sc. theses). Chemical Engineering: Denmark's Technical University (M.Sc. theses and other project reports). M.Sc. theses at the University of the Orange Free State, Republic of South Africa. Ph.D. theses at Universities of Århus and Copenhagen, Denmark; University of Tromsø, Norway, The Norwegian Agricultural University, Ås; University of Trondheim, Norway (pending); SLU, Uppsala, Sweden; University of Helsinki, Finland; University of Leiden and internally at KVL.

Publications

Three most relevant publications:

1. Finnie, C., Andersen, C.H., Borch, J., Gjetting, S., Christensen, A.B., De Boer, A.H., Thordal-Christensen, H. and Collinge, D.B. Do 14-3-3 proteins and plasma membrane H⁺-ATPases interact in the barley epidermis in response to the barley powdery mildew fungus? 49: 137-147.
2. Collinge, D.B., Gregersen, P.L. and Thordal-Christensen H. (2002) The nature and role of defence response genes in cereals. Chapter 10 In : Belanger, R.R. and Bushnell, W.R. (eds.) The Powdery Mildews: A Comprehensive Treatise. APS Press, St. Paul, Minnesota, USA. pp 146-160.
3. Haugaard, H., D. B. Collinge, and M. F. Lyngkjær. 2002. Mechanisms involved in control of *Blumeria graminis* f.sp. *hordei* in barley treated with mycelial extracts from cultured fungi . Plant Pathology. 51: 612-620.

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)):

See attached list

Awards and Memberships

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

ASSOCIATE EDITOR: Plant Molecular Biology 1995 to 2002
REFEREE FOR: Agronomy Journal, Analytical Biochemistry, Current Genetics, FEBS Letters, Insect Biochemistry, Journal of Agricultural Chemistry, Journal of Agricultural and Food Chemistry, Journal of Experimental Botany, Molecular Breeding, Molecular Plant-Microbe Interactions, Molecular Plant Pathology, The Plant Journal, Physiologia Plantarum, Physiological and Molecular Plant Pathology, Plant Molecular Biology, Planta, The Plant Cell, Plant Physiology, Protoplasma.
 Biotechnology and Biological Sciences Research Council, UK;
 Norwegian Research Council; Dutch Biological Research Council;
 National Science Foundation, USA.
 Member: Board for “Kølpin Ravn og Ernst Grams legater”
 Member: Board for the Ph.D. education at this university and head of programme for “Plant and soil sciences”

Knowledge of Languages

Mother Tongue:

Arabic: English X Russian
 Chinese: French Spanish
 Other: _____

Speak well:

Arabic: English Russian
 Chinese: French Spanish
 Other: Danish

Read well: Arabic: English Russian
 Chinese: French X Spanish
 Other: Swedish, Norwegian

Write well: Arabic: English Russian
 Chinese: French Spanish
 Other:

References

Please give name and detailed contact information for key professional references

Reference 1: Head of Dept. Dr. Lisa Munk, Department of Plant Biology, Royal
 Veterinary and Agricultural University, Thorvaldsensvej 40, 1871-
 Frederiksberg C, Copenhagen, Denmark

tel +45 35 28 33 56
 fax +45 35 28 33 10
 e-mail dbc@kvl.dk

Reference 2: Prof. Monica A. Hughes, The Department of Biochemistry and Genetics
 The Medical School, University of Newcastle upon Tyne, Framlington
 Place, Newcastle upon Tyne, NE2 4HH, UK

M.A.Hughes@newcastle.ac.uk
 Tel +44 191 222 7597
 Fax +44 191 222 7424

Reference 3: Prof. M.J. Daniels
 Sainsbury Laboratory
 John Innes Centre for Plant Science Research,
 Colney Lane
 Norwich, NR4 7UJ UK

Any Other Relevant Information

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

Organisation of meetings:
 Symposium for the American Society of Industrial Microbiology (SIM): Plant-Pathogen Interactions:
 Interactions between plants and pathogen as tools for the development of new pest protection methods and
 strategies, Boston, USA, August 3, 1994 (with Morten Heide, Novo Nordisk).

International workshop on 14-3-3 proteins in plants, 14th - 15th September 2000, Risø Denmark (with
 Michael G. Palmgren and Claus H. Andersen).

Nordic (now NOVA) Ph.D. courses in Plant Pathology "Molecular Plant Pathology" in 1992 and "Defence
 Responses in Plants" 1997 (with Hans Thordal-Christensen)

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:	