

Biennial Report, 2004-05

The Centre for Veterinary Epidemiology and Risk Analysis
The TB Diagnostics and Immunology Research Centre
The Badger Vaccine Project



UCD School of Agriculture, Food Science and Veterinary Medicine
University College Dublin

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THE DEPARTMENT OF
AGRICULTURE & FOOD
AN ROINN TALMHAÍOCHTA AGUS BIA

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S.J. More (editor)

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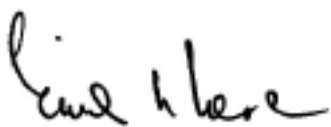
Preface

The Department of Agriculture and Food (DAF) provides ongoing financial support to three research units within the UCD School of Agriculture, Food Science and Veterinary Medicine at University College Dublin, including:

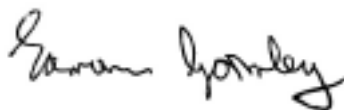
- The Centre for Veterinary Epidemiology and Risk Analysis (CVERA);
- The TB Diagnostics and Immunology Research Centre; and
- The Badger Vaccine Project.

These units each work in support of DAF inspectorate and research staff in the area of animal health.

The TB Diagnostics and Immunology Research Centre and the Badger Vaccine Project each focus on bovine tuberculosis research. CVERA is a national resource centre, providing policy advice and conducting epidemiological research on a wide range of animal health issues, including bovine tuberculosis, bovine brucellosis, transmissible spongiform encephalopathies, herd health and avian influenza. In addition, CVERA provides general support to government, industry and the veterinary profession (post pre- and post-graduation) on these and other animal health issues.



Simon More
Centre for Veterinary
Epidemiology and Risk Analysis



Eamonn Gormley
The TB Diagnostics and
Immunology Research Centre and
The Badger Vaccine Project



Leigh Corner
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Acknowledgements

The Centre for Veterinary Epidemiology and Risk Analysis

CVERA work closely with a wide range of organisations, both in Ireland and internationally. The collaborative input of staff from each of these organisations is gratefully acknowledged, including:

- *In Ireland* – DAF (veterinary inspectorate and research staff – central, regional, local), UCD School of Agriculture, Food Science and Veterinary Medicine, UCD School of Mathematics, the Irish Cattle Breeders Federation (ICBF), Veterinary Ireland and individual private veterinary practitioners, BirdWatch Ireland, the National Parks and Wildlife Service (within the Department of Environment, Heritage and Local Government), Teagasc, University College Cork, the Irish Equine Centre, the Marine Institute, a wide range of industry organisations, and individual Irish farmers
- *In Canada* – the University of Guelph
- *In the Netherlands* – Wageningen University, GD (Gezondeindienst voor Dieren, Animal Health Service of the Netherlands)
- *In New Zealand* – Massey University
- *In Norway* – Norges veterinærhøgskole (Norwegian School of Veterinary Science)
- *In the UK* – the Department of Agriculture and Rural Development of Northern Ireland (DARDNI), veterinary organisations in Northern Ireland (North of Ireland Veterinary Association, Association of Veterinary Surgeons Practicing in Northern Ireland), Defra (the UK Department of Environment, Food and Rural Affairs), Veterinary Laboratories Agency, Scottish Agricultural College, Royal Veterinary College

The TB Diagnostics and Immunology Research Centre

Staff from the Centre acknowledges the help and support of DVO staff throughout Ireland for their efforts and assistance in providing samples for the IFN- γ test.

The Badger Vaccine Project

Staff from the Badger Vaccine Project acknowledge Damien O'Meara, Marion Barret, Frances Quigley and staff at the mycobacteriology laboratory (Abbotstown, Ireland) for their contributions and assistance in the Badger Vaccine Project, and Paddy Sleeman of University College Cork for fieldcraft. Glyn Hewinson, Mark Chambers and staff at Veterinary Laboratories Agency (VLA, UK) are also thanked for developing and carrying out many of the immuno-assays used in the badger vaccine studies, and for contributing technical expertise and advice for the research program.

Some photographs kindly supplied by *An Bord Bia*.

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