

EUROPEAN  
CURRICULUM VITAE  
FORMAT



PERSONAL INFORMATION

Name

FRY DEREK JOHN

Fax

E-mail

djf345@gmail.com

Fiscal code

Nationality

British

Date of birth

19 AUG 1943

WORK EXPERIENCE

- Dates (from – to)
- Name and address of employer
  - Type of business or sector
  - Occupation or position held
- Main activities and responsibilities

1990 – 2008, UK Home Office, Civil Service

**Chief Inspector, Animals (Scientific Procedures) Inspectorate (2003 - 2008)** involving :

Leadership of the Inspectorate, monitoring its activities, and reporting on these to officials and ministers

Advising UK Home Office ministers on animal experimentation issues

Development and implementation of strategy for assessing UK proposals for animal-based scientific work and for the inspection of this on site

External liaison with senior management and senior scientists at UK establishments holding animals for scientific use

Provision of expert witness for judicial proceedings

**Superintending Inspector, Animals (Scientific Procedures) Inspectorate (1998-2003)**

involving :

Leadership of a regional group of UK Animals Scientific Procedures Inspectors and monitoring of their work

Training of new inspectors

Advising the Chief Inspector on animal experimentation issues and the development and implementation of strategy

Half-time work as an inspector (see below)

**Inspector, Animals (Scientific Procedures) Inspectorate (1990-1998)** involving :

Assessing proposals for animal-based scientific projects and applications for personal licences for scientific work on animals from researchers at establishments of various types within a region of the UK, and advising officials on licensing of these

Inspection of animal-based scientific work and the facilities provided for it on sites throughout a region of the UK

Advising the inspectorate on experimental design and statistics

1971 – 1990, University of Dundee, Scotland, Tertiary Education

**Senior Lecturer in Anatomy, (1978-1990)** involving :

- Teaching anatomy to medical, dental and science undergraduates
- Preclinical medical course organisation and curriculum development
- Research in cell physiology and biochemistry
- Supervision of research students
- Teaching elementary statistics to medical and science undergraduates

**Lecturer in Anatomy (1972-1978)** involving

- Teaching anatomy to medical and dental undergraduates
- Research in cell physiology and biochemistry
- Development and evaluation of new methods for teaching and assessment

**Demonstrator in Anatomy (1971-1972)** involving

- Teaching anatomy to medical undergraduates
- Dissection of anatomical specimens
- Post-doctoral research in cell physiology and biochemistry

January 1970 – August 1971 Medical practice

**House Surgeon, Royal Sussex County Hospital (1970-1971)** involving :

- Patient care and basic surgery as part of a surgical team

**House Physician, Medical Professorial Unit, St Bartholomew's Hospital (1970)** involving :

- Patient care as part of a medical team

## EDUCATION AND TRAINING

- Dates (from – to)
- Name and type of organization providing education and training
- Principal subjects/occupational skills covered
- Title of qualification awarded

1961 – 1964 and 1966 – 1969 University of Oxford, UK and St Bartholomew's Hospital, London

Preclinical medical education, Oxford; clinical medical education, London

Bachelor of Arts in Physiology (1964)

Bachelor of Medicine and Bachelor of Surgery (1969) [BM BCh]

1964 -1969 University of Oxford, UK

Doctorate research in ion transport across cellular membranes

Master of Arts (1969) Doctor of Philosophy (1969) [MA DPhil]

## PERSONAL SKILLS AND COMPETENCES

*Acquired in the course of life and career  
but not necessarily covered by formal  
certificates and diplomas.*

MOTHER TONGUE

ENGLISH

OTHER LANGUAGES

### Activities since retiring in 2008:

#### a) Workshops on Experimental Design and the 3Rs

*Principal presenter and co-organiser*

2017 – Institute for Molecular and Cell Biology, Porto, Portugal (2-day workshop)

2016 – University of Ferrara, Italy (2-day workshop)

2015 – Instituto de Medicina Molecular, Lisbon, Portugal (day workshop)

2012 - 2013 - Glaxo Smith Kline plc (Internal training half-day workshops, UK & USA)

2012 - Korean Information Center for the 3Rs and Animal Protection and Welfare Division, Animal, Plant and Fisheries Quarantine and Inspection Agency, South Korea (National 2-day Workshop)

2011 - Eighth World Congress on Alternatives and Animal Use in the Life Sciences, Montreal Canada (Satellite Day Workshop)

2008 - UK Biosciences Federation (Meeting for Academic Project Licence Holders)

2008 - National Centre for the 3Rs: Training Day

*Session workshop presenter and co-organiser*

2015-2017 – Charles River UK – Project Licensee modular training

2010-2017 – Red Kite Veterinary Consultants UK – Project Licensee modular training

2010 - Federation of European Laboratory Animals Science Associations Conference, Helsinki

2009 - Taiwan Council of Agriculture National Workshops, Taipei

2009 - Chinese Association of Laboratory Animal Societies Conference, Xian

*Tutor and joint organiser (3-day workshops)*

2019 - University of Nottingham (FRAME International Training School)

2017 – University of Saskatchewan, Canada (FRAME International Training School)

2016 – University of Bergen, Norway (FRAME International Training School)

2015 - University of Coimbra, Portugal (FRAME International Training School)

2014 - University of Copenhagen (FRAME International Training School)

2013 - University of Nottingham (FRAME International Training School)

2013 - Wellcome Trust Sanger Institute (Managing Mouse Colonies Course)

2012 – Radboud University, Nijmegen (FRAME International Training School)

2012 - Wellcome Trust Sanger Institute (Managing Mouse Colonies Course)

2011 – Institute for Molecular and Cell Biology, Porto (FRAME International Training School)

2011 - University of Manchester (MSc)

2011 - University of Edinburgh (FRAME International Training School)

2010 - University of Manchester (MSc)

2010 - Wellcome Trust Sanger Institute (Managing Mouse Colonies Course)

2010 - University of Nottingham (FRAME International Training School)

2009 - University of Manchester (MSc)

2009 - University of Manchester (EU-COST International Training School)

2008 - University of Manchester (EU-COST International Training School)

#### b) Invited speaker on animal experimentation issues and experimental design:

10th World Congress on Alternatives & Animal Use in the Life Sciences: Seattle, August 2017

UK Laboratory Animals Science Association: Annual Winter Meetings 2016, 2013, 2012 (keynote speaker), 2009, 2008

University of Istanbul: Symposium on Experimental design and Pre-Biostatistics, October 2015

University of Istanbul: Symposium on Experimental design and Pre-Biostatistics, October 2014

International Whale Welfare and Ethics Workshop, Eden Project, Cornwall, March 2011

Canadian Council on Animal Care: National Workshop, Ottawa, May 2010

European Commission TAIEX Workshop: Zagreb, May 2010

Universities' Federation for Animal Welfare & RSPCA: Rodent Welfare Group meeting September 2009

VII World Congress on Alternatives & Animal Use in the Life Sciences: Rome, August 2009

### Publications since 1998

Percie du Sert N, Bamsey I, Bate ST, Berdoy M, Clark RA, Cuthill I, **Fry D**, Karp NA, Macleod M, Moon L, Stanford SC, Lings B (2017) The Experimental Design Assistant. *PLoS Biol* 15(9): e2003779. <https://doi.org/10.1371/journal.pbio.2003779>

Percie du Sert N, Bamsey I, Bate ST, Berdoy M, Clark RA, Cuthill I, **Fry D**, Karp NA, Macleod M, Moon L, Stanford SC, Lings B (2017) The Experimental Design Assistant. *Nature Methods* 14, 1025.

**Fry D J** (2014) Teaching Experimental Design. *ILAR Journal* 55, 457-471.

**Fry D J** (2013) The Need to Improve Experimental Design. *ATLA* 41, P61–P64.

**Fry, D.** (2013) Experimental Design: Reduction and Refinement in Studies Using Animals. In *Laboratory Animal Welfare* (K. Bayne & P Turner, Eds), 1<sup>st</sup> edn., pp95-113. Academic Press, San Diego.

**Fry D J** (2013) Animal research ethics, legislation and practice and their application to scientific whaling. *Animal Welfare* 22: 133-135.

**Fry D J** (2012) Ethical Review of Animal Experiments: a global perspective: *Report commissioned by the World Society for the Protection of Animals, for consideration by the International Whaling Commission.*  
<http://iwcoffice.org/cache/downloads/erdkgx8471ckggg0c8kgokogo/64-WKM&AWI%205.pdf>

**Fry D** (2012) How Different Countries Control Animal Experiments Outside Recognized Establishments. *ALTEX* 29 (Special Issue), 4-7

**Fry, D.**, Gaines Das, R., Preziosi, R. and Hudson, M. (2010). Planning for Refinement and Reduction. *ALTEX*, 27 (Special Issue), 293-298.

Kilkenny C, Parsons N, Kadyszewski E, Festing M W F, Cuthill I C, **Fry D** , Hutton J, Altman D G (2009) Survey of the Quality of Experimental Design, Statistical Analysis and Reporting of Research Using Animals *PLoS ONE* 4(11): e7824.doi:10.1371/journal.pone.0007824

Gaines Das, R., **Fry, D.**, Preziosi, R. and Hudson, M. (2009). Planning for reduction. *ATLA* 37, 27-32.

**Fry, D.J.** (2004). Reduction by well-defined objectives. *ATLA* 32 (Suppl. 1), 241–244.

**Fry, D.J.** and Morton, D.B. (2000). Non-statistical experimental design as an aid to refinement. In *Progress in the Reduction, Refinement and Replacement of Animal Experimentation* (M. Balls, A. M. van Zeller & M. Halder, Eds) pp1687 – 1690. Elsevier, Amsterdam..

**Fry, D. J.** (1998). Relating criteria for humane endpoints to objectives. In *Humane Endpoints in Animal Experiments for Biomedical Research* (C. F. M. Hendriksen & D. Morton, Eds) pp 54 – 57. Royal Society of Medicine Press Limited, London.

Prior to joining the Inspectorate in 1990 - 18 publications on ion transport across cell membranes, 9 on anatomy and biochemistry of the nuclear membrane, 10 on development and evaluation of new teaching methods, particularly computer aided learning.

Signed:



Date:

9th March 2019