

July 29, 2017, vol 181, pp 99-124

VETERINARY RECORD is published by BMJ on behalf of the British Veterinary Association. It was founded in 1888 by William Hunting, FRCVS.

**British Veterinary Association**  
Mansfield Street, London W1G 9NQ  
+44 (0) 20 7636 6541  
bvahq@bva.co.uk

**Officers of the BVA**  
President: Mrs G. Ravetz  
Senior Vice-President: Mr S. Wensley  
Junior Vice-President: Mr J. C. Fishwick

**Veterinary Editor-in-Chief**  
Alexander Trees

**Clinical Research Editor**  
M McNeilly

**Editorial Board**  
Stephen Baines, Julie Fitzpatrick, Daniëlle Gunn-Moore, John Innes, Wayne McIlwraith, Richard Martin, Chris Jara, Chris Proudman, Stuart Reid, Susan Rhind, Randolph Richards, Kenneth Simpson, Polly Taylor, James Wood

**Editor**  
Jele Waters  
**Managing Editor**  
Izanne Jarvis

**Printing Production Manager**  
Virginia Mills

**Literary Staff**  
Ivia Azouaghe, Kristy Ebanks, Andreas Exarheas, Gill Harris, Laura Honey

**Surveillance Editor**  
Thryn Clark  
Communications for the editorial department should be addressed to:

*Veterinary Record*, BMJ, BMA House, Tavistock Square, London WC1H 9JR

+44 (0) 20 7387 4409  
editorial@bva-edit.co.uk

For further information about *Veterinary Record* and its sister journal, *In Practice*, can be found at [www.bvapublications.com](http://www.bvapublications.com)

**Annual subscriptions**  
Individual: Print and online £437  
Online only £359

Details of US \$, Euro and institutional subscription rates are available at <http://veterinaryrecord.bmj.com/site/about/bslanding.xhtml>

Subscription requests to:

**Customer Services**  
4J, BMA House, Tavistock Square, London WC1H 9JR  
+44 (0) 20 7383 6270  
support@bmj.com

Classified advertisements should be sent to:

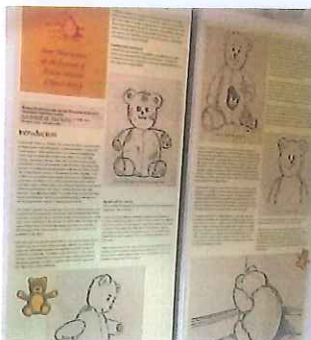
**Vet Record Careers**  
4A House, Tavistock Square, London WC1H 9JR  
Caroline Coppin, +44 (0) 20 7383 6068  
Godfrey Wasswa, +44 (0) 20 7874 7067  
vetrecordjobs@bmj.com

Display advertisement queries should be directed to:

**Van Bowen**  
+44 (0) 7768 880410  
kbowen@bmj.com

British Veterinary Association.  
IN 0042 – 4900

## This week's issue



**Veterinary Record research paper**  
features in teddy bear exhibition, p 105



**Equine disease surveillance**, p 108



**South American camelids are susceptible to rumen fluke, which should be considered in animals presenting with illthrift**, p 123

### 100 Comment

- 100 The story on global health security

### 101 News and Reports

- 101 Defra presses on with TB target  
102 Shortage occupation list: an 'essential step' to tackle workforce issues  
103 Sector-specific targets for antibiotic use with VMD  
104 Will Brexit lead to 'race to the bottom' for UK food animal welfare standards?  
105 Encouraging the vets of tomorrow  
105 *Brunus edwardii* research takes pride of place in teddy bear exhibition  
107 Public urged to surrender ivory in UK-wide scheme

### 103 News in Brief

#### 108 Surveillance

- 108 Equine disease surveillance: quarterly summary  
113 Diagnosis of equine influenza

#### 115 Research

- 115 Preparing for the worst: African swine fever in China (Linda K. Dixon)  
117 The pig empire under infectious threat: risk of African swine fever introduction into the People's Republic of China (T. Vergne and others)

On cover

- 118 Preliminary evaluation of cytosine-phosphate-guanine oligodeoxynucleotides bound to gelatine nanoparticles as immunotherapy for canine atopic dermatitis (I. Wagner and others) **On cover**  
119 Loop-mediated isothermal amplification for extended-spectrum  $\beta$ -lactamase gene detection in poultry carcasses (M. Kirchner and others)  
119 Acute fatal haemorrhagic pneumonia caused by *Streptococcus equi zooepidemicus* in greyhounds in Ireland with subsequent typing of the isolates (W. Fitzgerald and others)

### 120 Research Digest

### 121 Books

### 122 My view

On cover

### 123 Letters and Notices

- 123 Rumen fluke in South American camelids in Great Britain (M. Millar and others)  
124 Antibiotic use in the poultry industry (G. Ravetz and P. Hammond)  
124 Hunting with hounds (Michael W. Fox and Mike Huskisson)

### Vet Record Careers

- i Learning to teach: Myfanwy Hill  
ii Ten-minute chat: Aimee Paterson-Young

*Veterinary Record* is published by BMJ Publishing Group Ltd (BMJ), a wholly owned subsidiary of the British Medical Association, on behalf of the British Veterinary Association (BVA).

*Veterinary Record* follows guidelines on editorial independence produced by the World Association of Medical Editors and the code on good publication practice of the Committee on Publication Ethics.

*Veterinary Record* is intended for veterinary professionals and is provided without warranty, express or implied. Statements in the journal are the responsibility of their authors and advertisers and not authors' institutions, BMJ, the BVA or the BMA unless otherwise specified or determined by law.

Acceptance of advertising does not imply endorsement.

To the fullest extent permitted by law, BMJ and the BVA shall not be liable for any loss, injury or damage resulting from the use of *Veterinary Record* or any information in it whether based on contract, tort, or otherwise. Readers are strongly advised to verify any information they choose to rely on.

Copyright © 2017 British Veterinary Association  
All rights reserved; no part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise without prior permission.

*Veterinary Record* (ISSN No: 0042-4900) is published weekly by BMJ Publishing Group Ltd. The US annual subscription

price is US \$853. Airfreight and mailing in the USA by agent named Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Periodicals postage paid at Jamaica NY 11431. US Postmaster: Send address changes to *Veterinary Record*, Worldnet Shipping Inc, 156-15, 146th Avenue, 2nd Floor, Jamaica, NY 11434, USA. Subscription records are maintained at BMJ Publishing Group Ltd, BMA House, Tavistock Square, London WC1H 9JR, UK.

Air Business Ltd is acting as our mailing agent.

*Veterinary Record* is published by BMJ Publishing Group Ltd, typeset by Exeter Premedia Services, and printed in the UK on acid-free paper from sustainable forests by Warners Midland, Bourne, UK.