

# Science & Justice

## Volume 41 No. 3 (2001)

### Editor

Professor Robert Forrest

### Assistant Editor

Jane Cross

Journal@forensic-science-society.org.uk

Journal Office

Clarke House

18A Mount Parade

Harrogate, North Yorkshire

United Kingdom HG1 1BX

Tel: (01423) 566973

Fax: (01423) 566391

### Associate Editor

Dr GF Sensabaugh

School of Public Health

University of California

Berkeley, CA94720

USA

### Editorial Board

Dr C Champod

Dr RJ Davis

Mr G Knupfer

Professor P Vanezis

### Translators

Dr T Biermann, Wiesbaden

Dr C Lora Tamayo, Madrid

Professor P Margot, Lausanne

### Editorial

The boundaries of Expert Evidence..... 133

### Scientific & Technical Articles

Factors affecting the potential for fibre contamination in purpose-designed forensic search rooms

C ROUX, J HUTTUNEN, K RAMPLING and J ROBERTSON ..... 135

De Finetti's subjectivism, the assessment of probabilities and the evaluation of evidence: a commentary for forensic scientists

F TARONI, CGG AITKEN and P GARBOLINO..... 145

### Professional Article

Is it lawful to possess or sell a telescopic truncheon? MJ COOPER..... 151

### Obituaries

David Gee..... 157

Tony Holman..... 158

Anthony Longhetti ..... 158

### Proceedings of Conference "European Connections", The Forensic Science Society, Amsterdam 2001

New developments in forensic image processing and pattern recognition

Z GERADTS and J BIJHOLD..... 159

Ear identification based on surveillance camera images

AJ HOOGSTRADE, H VAN DEN HEUVEL and E HUYBEN ..... 167

Forensic archaeology, forensic anthropology and Human Rights in Europe JR HUNTER, MB BRICKLEY, J BOURGEOIS, W BOUTS, L BOURGUIGNON, F HUBRECHT, J DE WINNE, H VAN HAASTER, T HAKBIJL, H DE JONG, L SMITS, LH VAN WIJNGAARDEN and M LUSCHEN..... 173

The Paddington rail crash: identification of the deceased following mass disaster C SUTHERLAND and L GROOMBRIDGE..... 179

Quantitation of amphetamine-type compounds for which no reference compound is available: the validation of a theoretical model H HUIZER, AJ POORTMAN VAN DER MEER and HE VAN EGMOND..... 185

*Science & Justice* (ISSN 1355-0306 USPS 012-692) is published quarterly by the Forensic Science Society, 18A Mount Parade, Harrogate, North Yorkshire, United Kingdom HG1 1BX Tel +44 1423 566973 Fax +44 1423 566391, and issued free to members of the Society. Annual subscription rate 2001: £100 (US\$230). Second class postage paid at Middlesex, NJ. POSTMASTER: send address changes to *Science & Justice*, Forensic Science Society, c/o PO Box 177, Middlesex, NJ 08846. U.S. Agent: Pronto Mailers International, 200 Wood Ave, Middlesex, NJ 08846.

© The Forensic Science Society 2001. Registered charity no 209592.

No part of this publication may be reproduced, stored in a retrieval system, or transmitted in any form, or by any means, electronic, mechanical, photographic, recording, or otherwise, without the prior permission of the publishers. All applications for permission to reproduce should be addressed to the Editor. Articles are published on the understanding that publication is not taken to imply endorsement of the views therein by either the Editor or the Council of the Forensic Science Society.

**Claims for missing issues should be made within three months of publication, otherwise they cannot be honoured free of charge.**

Printed in Northern Ireland at The Universities Press (Belfast) Ltd

Development of a harmonised pan-European method for the profiling of amphetamines J BALLANY, B CADDY, M COLE, Y FINNON, L AALBERG, K JANHUNEN, E SIPPOLA, K ANDERSSON, C BERTLER, J DAHLÉN, I KOPP, L DUJOURDY, E LOCK, P MARGOT, H HUIZER, A POORTMAN, E KAA and A LOPES .....	193
Drug administration and sexual assault: sex in a glass D WELLS.....	197
New synthetic drugs in the European Union LAKING .....	200
Capillary electrophoresis: a new tool in forensic medicine and science NPLEMOS, F BORTOLOTTI, G MANETTO, RAANDERSON, F CITTADINI and F TAGLIARO.....	203
European training for scientific support staff S MALLINSON.....	211
Dismantling of clandestine amphetamine laboratory in Greece E BAKOURI and A VAN RIJN.....	213
Operation Bigfoot – a volume crime database project R MILNE.....	215
Co-operation in Forensic Science between Northern Ireland and the Republic of Ireland: a case history T HANNIGAN and P BOYCE.....	218
Simulated robbery E TANISLAV .....	223
Theft of art objects from Peles Castle E TANISLAV .....	225
Expressing a standard A KERSHAW .....	226
<b>Poster Presentations .....</b>	<b>229</b>

**The Forensic Science Society would like to acknowledge the support of the GROTIUS Programme of the EU. The EU is not responsible for the content of the presentations made at the conference “European Connections”.**