

**K.C. Smith BVM&S PhD FRCPath MRCVS
RCVS Specialist in Veterinary Pathology
Professor of Companion Animal Pathology**

**Pathology and Pathogen Biology
Royal Veterinary College
Hawkshead Lane
North Mymms
Hatfield
Hertfordshire AL9 7TA
United Kingdom**

**Tel: +44 (0)1707 666353
Fax: +44 (0)1707 666298**



THE 31ST MEETING OF THE
**EUROPEAN SOCIETY & COLLEGE
OF VETERINARY PATHOLOGISTS**
LONDON **2013**

**Email: esvp2013@gmail.com
Website: www.esvp2013.co.uk**

ABSTRACT CERTIFICATE

This is to certify that the abstract titled:

**RENAL APOPTOSIS SIGNALLING IN A PIG HAEMORRHAGIC MODEL, AFTER VOLUME
REPLACEMENT WITH HES 130/0.4 OR RINGER SOLUTION**

Authors:

Cruz R^{1,2,3}, Vala H^{1,2}, Machado A^{1,2}, Venâncio C³, Mesquita JR^{1,2}, Silva A⁴, Ortiz AL⁵, Ferreira D⁶

1-ESAV, IPV, Portugal

2-CI&DETS, IPV, Portugal

3- UTAD, Portugal

4 – REQUIMTE, Portugal

5-León University, Spain

6-CICV/FMV-ULHT, Portugal

was presented at the

31st Annual Meeting of the European Society of Veterinary Pathology

and

The European College of Veterinary Pathologists

**4th – 7th September 2013
London, United Kingdom**

Ken Smith

Chairman of the Local Organising Committee

