

- 10:00 - 10:20 **Active Cowpea mosaic virus RNA1-encoded 24K protease as an elicitor of extreme resistance**
Q FAN, P A FELDSTEIN & G BRUENING (University of California, Davis, USA)
- 10:20 - 10:40 **Suppression of the hypersensitive response by geminivirus proteins**
G BRUCE & Y HONG (Warwick HRI, Wellesbourne, UK)
- 10:40 - 11:10 COFFEE
- 11:10 - 11:55 **TITLE TO BE CONFIRMED**
O VOINETT (CNRS, Strasbourg, France)
- 11:55 - 12:15 **Excision and episomal replication of integrated CaMV**
J SQUIRES, J E SCHOELZ & P PALUKAITIS (Scottish Crop Research Institute, Dundee, UK)
- 12:15 - 12:35 **Using natural barley resources to discover novel alleles of *EIF4E* which can provide resistance against bymoviruses**
B J HOFINGER, C BASS, T BALDWIN & K KANYUKA (Rothamsted Research, Harpenden, UK)
- 12:35 - 13:30 LUNCH
- 13:30 - 13:50 **Genetic variability of Grapevine fanleaf virus (GFLV) and its biological impact**
M POMPE-NOVAK (National Institute of Biology, Ljubljana, Slovenia)
- 13:50 - 14:10 **Adaptation of a phytovirus to its environment: evolution of the genome linked to the evolution of virulence**
C JRIDI & R FROISSART (BGPI, Montpellier, France)
- 14:10 - 14:30 **Construction of salicylate biosensor and in situ assay for salicylic acid in leaves of *Nicotiana tabacum* infected by *Tobacco mosaic virus***
W E WANG & H WANG (NERC-CEH, Oxford, UK)
- 14:30 - 14:50 **Cowpea mosaic virus from insect cell culture; a template for bionanotechnology**
K SAUNDERS, M SHANKS & G P LOMONOSSOFF (John Innes, Norwich, UK)
- 14:50 - 15:10 **A double role for tubulin in transmission of *Cauliflower mosaic virus*?**
A MARTINIÈRE, D GARGANI, M UZEST, N LAUTREDOU, S BLANC & M DRUCKER (BGPI, Montpellier, France)
- 15:10-15:30 SUMMARY
- 15:30-16:00 TEA AND CLOSE OF CONFERENCE

ASSOCIATION OF APPLIED BIOLOGISTS

President: Professor Peter J Lea, BSc, PhD, DSc



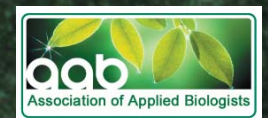
A two day conference

at University of Greenwich, UK

on 11-12 September 2007

**PROGRAMME AND
BOOKING FORM**

Advances in Virology



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Advances in Virology

to be held at University of Greenwich, UK (Greenwich Campus)

on 11-12 September 2007

(BASIS Points have been applied for)

Tuesday 11 September 2007

08.45-09.30	Registration
09:30 – 09:35	Introduction / house-keeping
09:35 – 10:20	<i>Keynote Speaker</i> RNA virus models for ecology and evolution M J ROOSSINCK (Plant Biology Division, The Samuel Roberts Noble Foundation, Ardmore, OK, USA)
10:20 -10:40	<i>In vivo</i> imaging of viral RNA trafficking in plants <u>N CHRISTENSEN</u> & K OPARKA (University of Edinburgh, Edinburgh, UK)
10:40-11:00	Interaction between a plant virus-encoded protein and the major nucleolar protein, fibrillarin, is required for virus systemic infection S H KIM, S MACFARLANE, N KALININA (Scottish Crop Research Institute, Dundee, UK), D V RAKITINA (University of Moscow, Russia), E V RYABOV (Warwick HRI, Wellesbourne, UK), T GOLLESPIE, S HAUPT, J W S BROWN & <u>M TALIANSKY</u> (Scottish Crop Research Institute, Dundee, UK)
11:00 – 11:30	COFFEE
11:30 – 11:50	Characterising plant PKR: a double-stranded RNA-activated, eukaryotic translation initiation factor 2-alpha kinase E CHAN, M PEARSON, J TAYLOR, D GREENWOOD (University of Auckland, New Zealand), D ROTH (University of Wyoming, USA) & <u>R M MacDIARMID</u> (HortResearch, Auckland, New Zealand)
11:50 – 12:10	The conserved FRNK box implant viral suppressor of genesilencing Hc-Pro is required for small RNA binding G KRCZAL (AIPanta-Institute for Plant Research, Germany)
12:10 – 12:30	Characterisation of siRNAs in <i>Brassica juncea</i> infected with <i>Turnip mosaic virus</i> and <i>Turnip crinkle virus</i> <u>T HO</u> , H WANG, D PALLETT (Central for Ecology & Hydrology, Oxford, UK), R RUSHOLME & T DALMAY (University of East Anglia, Norwich, UK)
12:30 – 13:30	LUNCH
13:30 – 14:20	ASSOCIATION OF APPLIED BIOLOGISTS AGM (Posters for non AAB members)

14:20 – 15:00	Launch of New Version of <i>Descriptions of Plant Viruses</i> and talk: Current issues in plant virus taxonomy M J ADAMS (Rothamsted Research, Harpenden, UK)
15.00 - 15:20	Molecular Characterization of Tomato Leaf Curl Disease Causing Viruses in Uganda <u>C SSEKYEWA</u> (Uganda Martyrs University, Kampala, Uganda), A BAGYAM & K A STEELE (Univeristy of Wales, Bangor, UK)
15:20 - 15:40	Differential host responses to Soil-borne cereal mosaic virus (SBCMV) and Soil-borne wheat mosaic virus (SBWMV) in barley R LYONS, K HAMMOND-KOSACK & K KANYUKA (Rothamsted Research, Harpenden, UK)
15:40 – 16.00	A role for <i>myo</i>-inositol hexakisphosphate in resistance to plant viruses and other pathogens <u>B OTTO</u> , A M MURPHY (University of Cambridge, UK), CHARLES A. BREARLEY (University of East Anglia, Norwich, UK), J P CARR & D E HANKE (University of Cambridge, UK)
16:00 - 16:30	TEA
16:30 – 16:50	Effects of expressing the cucumber mosaic virus 2b protein in specific cells and tissues of <i>Arabidopsis thaliana</i> <u>M SURETTE</u> , M LEWSEY, F C ROBERTSON & J P CARR (University of Cambridge, Cambridge, UK)
16:50 – 17:10	Recent studies in developing tools for screening cocoa for <i>Cacao swollen shoot virus</i> resistance or tolerance H DZAHINI-OBIATEY (University of Reading, Reading, UK)
17-10 – 17:30	Studies of virus accumulation and movement in salicylic acid-treated plants W-S LEE (University of Cambridge, UK)
17.30-17.50	A cucumber mosaic virus mutant lacking the 2b counter-defence protein gene protects against wild-type strains H ZIEBELL (University of Cambridge, UK), T PAYNE (Warwick HRI, Wellesbourne, UK), J O BERRY (SUNY at Buffalo, New York, USA), J A WALSH (Warwick HRI, Wellesbourne, UK) & <u>J P CARR</u> (University of Cambridge, UK)
18.00 – 19.00	POSTERS & WINE RECEPTION.
19:30	CONFERENCE DINNER & ENTERTAINMENT
Wednesday 12 September	
09:00 – 09:15	INTRODUCTION / HOUSE-KEEPING/ PRESENTATION OF STUDENT PRIZES
9:15 – 10:00	<i>Keynote Speaker</i> Potyviral P1 protein, RNA silencing, and viral pathogenesis J A GARCÍA (University of Madrid, Spain)

BOOKING REQUIREMENTS

ASSOCIATION OF APPLIED BIOLOGISTS

President: Professor Peter Lea, BSc, PhD, DSc

Section ONE (VAT Reg. No: GB 326 8075 49 - Charges are VAT inclusive).

Registration includes attendance at the Advances in Virology conference, book of Abstracts, coffee, lunch and tea on both days and the conference dinner and entertainment on 11 September 2007

WHOLE CONFERENCE REGISTRATION (by 31 August 2007)

AAB Members	£190.00	.....
AAB Members (retired option).....	£150.00	.....
AAB Student Member.....	£90.00	.....
Non-members.....	£240.00*	.....
Student non members.....	£115.00*	.....
Late booking surcharge (after 31 August 2007)	£25.00	.....

Section TWO

CONFERENCE BOARD

MONDAY 10 SEPTEMBER

Dinner.....	£21.00	.....
Bed & Breakfast En Suite	£60.00	.....

TUESDAY 11 SEPTEMBER

CONFERENCE DINNER* (accompanying persons ONLY).....	£50.00	.....
Bed & Breakfast En Suite	£60.00	.....

WEDNESDAY 12 SEPTEMBER

Dinner.....	£21.00	.....
Bed & Breakfast En Suite	£60.00	.....

TOTAL £ _____

*CONFERENCE DINNER is included in the Registration fee for delegates

Section THREE

Do you require a vegetarian menu? YES/NO Do you have any special requirements? YES/NO

Please describe any special requirements:.....

A charge of £25.00 will be made on any cancellations. No refunds will be given after 31 August 2007

How did you learn of this conference?

Printed flyer	Press	AAB Website
Organisation noticeboard	Email	via another Society
From a colleague	Other	News Article

The completed booking form should be returned as soon as possible with payment. Payment may be made by cheque (made payable to **AAB**) or by credit card (VISA, Mastercard or Delta). If payment is made by credit card, please complete below. Please send to: Conference Registration, AAB Office, c/o Warwick HRI, Wellesbourne, Warwick CV35 9EF, UK.

Expiry date:/...../..... Cardholder's Name:

Cardholder's Address:.....

Signature: Date:

3 Digit security code			
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Card No.																			
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Advances in Plant Virology

11-12 September 2007

at the University of Greenwich, UK

BOOKING FORM

SURNAME: INITIALS:

TITLE (Prof/Dr/Mr/Mrs/Ms or other):

PREFERRED NAME FOR BADGING:

STATUS (Delete as appropriate): AAB Member/Retired Member/
AAB Student Member/
Non-Member*/Student Non-Member*

MAILING ADDRESS:

..... POST CODE:

Tel No: Fax No: E-mail:

NOTES

- STUDENTS.** It is the Association's policy to grant reduced registration fees to students. This provision is subject to space being available and booking forms must be accompanied by a signed statement from the student's supervisor attesting that he/she is a full-time student. If students would like to apply for an **AAB Student Travel Grant** (travel within the UK only) please send your request in writing to the AAB Office. Forms are available on the AAB Web Page: <http://www.aab.org.uk>
- Conferences of the Association are private but visitors are most welcome. The publishing of reports of papers given at these conferences should only be done with the permission of the organiser and the authors of the papers concerned, who may require to see proofs before this permission is given.
- The Association would like to send you details of relevant conferences in the future. Please tick box if you do not want to receive these details
- Please note that photographs are sometimes taken at AAB conferences which we publish in our Newsletter to members.

***AAB full membership for 2007 is £48.00 and £24.00 for students
For further details on membership contact the AAB Office**

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