

Advances in Nematology

at the Astronomical Society of London, Piccadilly, UK

on 11 December 2012

PROGRAMME

10.00 REGISTRATION AND COFFEE

10.30 WELCOME

Session 1 : Session Chair: JON PICKUP

10.35 *Invited Speaker*

Nematodes - Some insights in an ancient success story among the basal Ecdysozoa

JOHANNES HELDER (University of Wageningen, Wageningen, the Netherlands)

11.15 **Using the mitochondrial genome of potato cyst nematode to distinguish introductions**

VIVIAN BLOK (The James Hutton Institute, Dundee)

11.30 **Influence of temperature on the life cycle of the potato cyst nematode**

AGATA KACZMAREK (The James Hutton Institute, Dundee), PATRICK P J HAYDOCK[†] (Harper Adams University College, Newport, Shropshire) & VIVIAN C BLOK (The James Hutton Institute, Dundee)

11.45 **Field evaluation of the efficacy of a novel nematicide for control of the potato cyst nematodes, *Globodera pallida***

PATRICK M NORSHIE, IVAN GROVE & MATTHEW BACK (Harper Adams University College, Newport, Shropshire)

Poster presenters - quick outline of their poster (12.00-12.20)

12.00 **Effect of soybean sprout residue on soybean cyst nematodes *Heterodera glycines* and the damage to green soybean**

KOKI TOYOTA, KEITA GOTO & DAISUKE ITO (Tokyo University of Agriculture and Technology, Japan)

12.05 **Utilization of Brassica crops as an alternative for nematode management in Norway**

METTE FETEN GRANENG (Norwegian Agricultural Extension Service, Brekstad, Norway) & RICARDO HOLGADO (Norwegian Institute for Agricultural and Environmental Research, Aas, Norway)

12.10 **The impact of the new EU Potato Cyst Nematode Directive in Scotland**

JON PICKUP, YVONNE COLE & ALEX REID (SASA, Edinburgh)

12.15 ***Pasteuria penetrans* a better understanding**

- 12.20 **AGM & Discussion about the future of the Advances in Nematology conference**
- 12.35 **LUNCH & POSTERS** (Optional Lunch at Gem, 10 Beech Street, Soho) - Russell has directions
- Session 2 :** *Session Chair:* SUE HOCKLAND
- 14.15 ***Invited speaker***
“Interfering with nematodes” - disrupting nematode parasitism using RNA interference
COLIN FLEMING (Agri-Food and Biosciences Institute, Belfast and School of Biological Sciences, Queen’s University Belfast, Ireland)
- 14.55 **Lesion Nematodes: Field damage in potato by *Pratylenchus penetrans*, its association with tuber symptoms and its survival in storage**
RICARDO HOLGADO (Norwegian Institute for Agricultural and Environmental Research, Aas, Norway)
- 15.10 **Effects of bacterial endophytes on the survival and virulence of entomopathogenic nematodes**
MARY JO HURLEY, DINA BRAZIL & THOMAS KAKOULI-DUARTE (Molecular Ecology and Nematode Research Group (MENRG), EnviroCORE, Department of Science and Health, Institute of Technology Carlow, Carlow, Ireland)
- 15.25 **TEA/COFFEE**
- 15.55 **The use of *Brassica* species for the management of potato cyst nematodes**
B M NGALA, P P J HAYDOCK[†], S WOODS & M BACK (Harper Adams University College, Newport, Shropshire)
- 16.10 **Using *Caenorhabditis elegans* to gain insights to help in the development of biological control agents**
KEITH G DAVIES (School of Life and Medical Sciences, University of Hertfordshire, Hatfield)
- 16.25 **An overview of the Rothamsted and Wageningen nematode collections, two European collections of international importance**
THOMAS PRIOR (FERA, Sand Hutton, York), EVELYN VAN HEESE & GERRIT KARSSSEN (National Plant Protection Organisation, Nematology, Wageningen, the Netherlands)
- 16.40 **PRESENTATION OF STUDENT PLATFORM PRESENTATION PRIZE**
- 16.50 **THANKS AND CLOSE OF MEETING**