7th International Congress of Nematology
ICN 2022
Antibes Juan-les-Pins - France

"Crossing borders: a world of nematode diversity and impact to discover"

European Society of Nematologists

LIST OF POSTERS

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OLAJIDE	Emmanuel	Screening of plantain and banana cultivars for resistance against *Radopholus similis* with prospects of using macropropagation plantlets for selection	S1-PF2
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KHAWLA	Mehalaine	Molecular identification and phylogenetic diversity of cereal cyst nematode (*Heterodera* spp.) populations from Algeria	**S6-PF3**
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FADAKAR	Samira	An update to the identification compendium of *Aphelenchoides* Fischer, 1894 (Aphelenchoidea)	**S24-PF2**
TE MOLDER	Dennie	Unravelling the race complex: A first look Into the population genetics of the stem nematode *Ditylenchus dipsaci*	**S24-PF3**

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BLAXTER	Mark	A catalogue of nematode karyotypes	**S2-P02**
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ELEKCIOGLU	Ibrahim Halil	Molecular and biochemical identification of Meloidogyne spp. in East-Mediterranean Region of Turkey	**S2-P06**

FANELLI	Elena	Comparative analysis and evolutionary implications of exon-intron-structure of the hsp-90 gene in nematodes	**S2-P07**
GOMES	Cesar	Variability of Mesocriconema populations associated with Grapevine Decline Disease in South Brazil	**S2-P08**
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KIDANE	Selamawit	Characterization of nematode pests of enset (Ensete ventricosum welw. Cheesman) and their management	**S2-P14**
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PEDRAM	Majid	Proposal for a new species of the genus Sphaerularia from Iran	**S2-P22**
PEDRAM	Majid	An unknown species of the genus Longidorus Mikoletzky, 1922, associated with beech trees in natural forests of northern Iran	**S2-P23**
PEDRAM	Majid	Proposal for a new species of the genus Sphaerularia Dufour, 1837 (Sphaerulariidae) from Iran	**S2-P24**
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HAN	Ziduan	CRISPR and mutagenesis experiments reveal mechanisms of integration of horizontally acquired cellulases in Pristionchus	S3-PF3
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OLAORE	Deborah	Evaluation of carbofuran metabolism in three different soil types and effect of the metabolites on nematode population	S3-P34
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S5. Integrated nematode management

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VAN HIMBEECK	Robbert	Characterization and steering of the native, soil microbiome-based suppression of plant-parasitic nematodes	S2-PF3
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TORRINI	Giulia	Control of the rice root-knot nematode *Meloidogyne graminicola* using rice plants as trap crops	S8-PF3
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TEKLU	Misghina G.	Damage threshold, population dynamics and host-status of *Meloidogyne chitwoodi* on five selected crops	S17-PF3
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CALANDRELLI	Angelica	Sorghum genotypes reaction to Meloidogyne javanica	**S5-P04**
CUNHA	Maria José	Effects of Solanum linnaeanum and S. sisymbriifolium on Globodera pallida hatching and mortality	**S5-P05**
DE WAAL	Jeanne	Corteva nematicides' compatibility with soil applied biologicals for nematode, insect and disease management	**S5-P07**
DIAS-ARIEIRA	Claudia	Castor bean cake extracts: nematicidal potential and chemical composition	**S5-P08**
DJIAN CAPORALINO	Caroline	Design and assessment of innovative Mediterranean vegetable cropping systems to manage root-knot nematodes	**S5-P09**
ELEKCIOĞLU	İbrahim Halil	Investigations of mix infections of root lesion nematodes (Pratylenchus thornei and Pratylenchus neglectus) and cereal cyst nematodes (Heterodera avenae and Heterodera latipons) on wheat	**S5-P10**
EMERSON	Michael	Field Performance of Several Maturity Group IV and V Soybean Cultivars in a Southern Root-Knot Nematode Infested Field	**S5-P11**
FONTANA	Lais	Ultrasound-assisted extraction of nematicidal compounds from Ricinus communis and its potential against Meloidogyne javanica	**S5-P12**
FONTES	Maria Geane	Detection of the root-knot nematode Meloidogyne luci parasitizing tomatoes in Sacatepéquez Province, Guatemala	**S5-P13**
GABRIEL	Marcia	Assessment of the resistance spectrum of the tomato Mi-1.2 gene/locus against fifteen Meloidogyne species	**S5-P14**
GALHANO	Cristina	Can Arbutus unedo L. leaves be used as a biological alternative to control Meloidogyne javanica?	**S5-P15**
GALHANO	Cristina	Could an agri-food be converted into a valuable environmentally-friendly nematicide?	**S5-P16**
GARTNER	Ulrike	Mapping a new resistance to the potato cyst nematode Globodera pallida from the wild potato Solanum spegazzinii	**S5-P17**
GODINHO DE ARAÚJO	Fernando	Genetic diversity of Soybean Cyst Nematode (SCN) Heterodera glycines populations in southeastern Goiás state, Brasil	**S5-P18**
GONÇALVES FRANCO SILVA	José Paulo	Nematicide and ovicide effect of thiophanate-methyl and fluazinam (Certeza N®) against nematodes	**S5-P19**
GORDON	Kara	Management strategies utilizing fertilizers and nematicides to reduce Rotylenchulus reniformis induced damage on cotton	**S5-P20**
HAFEZ	Saad	Effect of fluopyram, spirotetramat, and oxamyl on the cereal cyst nematodes, Heterodera avenae in Idaho	**S5-P21**
HALLMANN	Johannes	Development of Heterodera schachtii in sugar beet genotypes with varying levels of resistance	**S5-P22**
HOLDEN-DYE	Lindy	'Magic Bullets' for Plant Parasitic Nematodes	**S5-P23**
KNOETZE	Rinus	Host status of cover crops for root lesion nematode species (Pratylenchus spp.) associated with apple in South Africa	**S5-P24**
LE ROUX	Anne-Claire	Risk analysis, waste disinfestation methods and rotation plants as tools for a management of the risks associated with nematodes.	**S5-P25**
LUFF	Kelly	Managing causal pathogens of the potato early die complex with a new chemistry, fluopyram	**S5-P26**
MACGUIDWIN	Ann	Premature and sudden death complexes: How and why both are important questions	**S5-P27**
MADAURE	Jacqueline Tinashe	Compatibility of Nemafric-BL phytonematicide and biocontrol agents for the management of Meloidogyne species	**S5-P28**

MAŇASOVÁ	Marie	Influence of the length of sugar beet sludge storage on the amount and viability of beet cyst nematode embryos (Heterodera schachtii A.Schmidt, 1871)	**S5-P29**
MASSON	Anne-Sophie	Depicting the drivers of the root-associated microbiome in fields infected by root-knot nematodes in Cambodia	**S5-P30**
MEDINA	Karla	Performance of a commercial heat-killed Burkholderia rinojensis bio-based product in agricultural crops	**S5-P31**
MUNERA URIBE	Gladis Emilia	Meloidogyne-Fusarium interaction for the management of vascular wilt of Physalis peruviana plants in Colombia	**S5-P32**
MWANGI	Grace Nyambura	Potential of biofumigant cover crops (Brassica spp.) for suppression of stubby root nematodes (Trichodorus and Paratrichodorus spp.), associated with Docking disorder in sugar beet (Beta vulgaris)	**S5-P33**
NOLING	Joseph	Vertical management zones for enhancing yield and nematode control in Florida strawberry	**S5-P35**
ORLANDO	Valeria	Invasion and reproduction of P. penetrans on 'Maris Peer' potatoes	**S5-P36**
PUERARI	Heriksen	Influence of Acibenzolar-S-methyl application on the penetration and development of Pratylenchus brachyurus in maize	**S5-P37**
ROS IBÁÑEZ	Caridad	Management of pepper varieties resistant to Meloidogyne spp. for nematode control in greenhouse pepper crops	**S5-P38**
RUTHES	Andrea	Biogas digestate as potential source for nematicides	**S5-P39**
SHEPHERD	Rachel	Potential chemical control options for Aphelenchoides besseyi in ornamental plants	**S5-P40**
SILVA	Monique	Reaction of sorghum genotypes to Pratylenchus brachyurus	**S5-P41**
SIMMONS	Jeffrey	Measurement of Soil Mobility of TymiriumR Nematicide Using Three Different Types of Diffusion Assays	**S5-P42**
SIMMONS	Jeffrey	Evaluate Plant Effects, Efficacy and Yield Benefits of Tymiriam® against Meloidogyne incognita on Potato	**S5-P43**
SITHOLE	Nokuthula	Synergistic interaction of plant biomass and rhizobacteria for the management of Meloidogyne sp. on Solanum lycopersicum	**S5-P44**
THAPA	Sita	An integrated approach to manage soybean cyst nematode: rotation of the resistant sources, compost, and cover crops	**S5-P45**
THODEN	Tim	Soil health & nematicides: considerations for integrated nematode management	**S5-P46**
THODEN	Tim	Compatibility of SalibroTM and Vydate® with Pasteuria penetrans spore attachment to Meloidogyne javanica and M. incognita	**S5-P47**
UYSAL	Gulsum	Host status of lavender and lavandin cultivars to Meloidogyne incognita	**S5-P48**
VAZ MOREIRA	Valdeir Junio	RNAi-mediated Minc03328 gene silencing for the management of Meloidogyne incognita in transgenic Arabidopsis thaliana	**S5-P49**
VILLENAVE	Cécile	ELISOL environnement: a private French structure specialized in nematology R&D: soil bio-indication and crop protection.	**S5-P50**
VISSER	Johnny	Inundation: an effective method to control the root knot nematode Meloidogyne chitwoodi	**S5-P51**
WESEMAEL	Wim	Damage threshold and host-plant status of spinach (Spinacia oleracea) for Meloidogyne chitwoodi and Pratylenchus penetrans	**S5-P52**
WESTERDAHL	Becky	Field evaluation of sugarbeet varieties resistant to sugarbeet cyst nematode	**S5-P53**
ZOUHAR	Miloslav	Sugar beet field storage, a possible source of sugar beet cyst nematode (Heterodera schachtii A.Schmidt, 1871)	**S5-P54**
GRABAU	Zane	Evaluating new commercial cotton (Gossypium hirsutum) cultivars for resistance to Rotylenchulus reniformis and Meloidogyne incognita	**S5-P55**
MOLENDIJK	Leendert	Potato as a catch crop in late summer to control Potato Cyst Nematodes	**S5-P56**
LUANGKHOT	Justin	Root preservation in epoxy resin to highlight in-season treatment response in potato	**S5-P57**
MATLALA	Francinah L.	Nematode population dynamics in tomato nethouses over a three year period	**S5-P58**

S6. Legal and regulatory aspects of nematode management

SESSION 14 - Social impact of nematode management

Last name	First name	Title of poster	# poster
NTIDI	Nancy	Abundance and diversity of plant-parasitic nematodes in the rhizospheres of maize cultivars grown by commercial farmers in rural areas of South Africa	S14-PF1
COYNE	Danny	Banana fibre paper: effectively delivering ultra-low nematicide dosages for more acceptable nematode management	S14-PF2
HOWLAND	Amanda	Best management practices for root-knot nematode *(Meloidogyne hapla)* in daylily (*Hemerocallis* spp.) production	S14-PF3

SESSION 15 - Advances in nematode detection and identification: instrumentation and applications

Last name	First name	Title of poster	# poster
DAUB	Matthias	A novel approach for applying machine learning for detection and phenotyping of cyst nematodes in soil extracts	S15-PF1
KAGIMU	Nicholas	ATR-FTIR spectroscopy and hyperspectral imaging in determining quality of formulated entomopathogenic nematodes	S15-PF2
ORLANDO	Valeria	Rapid detection and quantification of plant-parasitic nematodes from large volumes of soil	S15-PF3

SESSION 29 - Trade and market access implications of plant parasitic nematodes

Last name	First name	Title of poster	# poster
ALAKE	Gideon	Negative binomial modeling of nematode count data yield more accurate mean and variance estimates	S29-PF1
VIAENE	Nicole	FAGUSTAT: Investigating Beech Leaf Disease, a threat to beech trees and forests in Europe	S29-PF2
NGUYEN	Huu Tien	Plant-parasitic nematode: a potential threat to medicinal plants in Vietnam	S29-PF3

Last name	First name	Title of poster	# poster
GAMEL	Sylvie	Method validations for reliable plant-parasitic nematode diagnosis: the example of Heterodera glycines identification	S6-P01
HEYDARI	Fariba	Study of Cyclobutrifluram mode of action using on Caenorhabditis elegans	S6-P02
KÖNIG	Stephan	Development of appropriated measures and methods to close pathways for the distribution of cyst nematodes	S6-P03
MOORE	Scott	An experimental design optimized for rate-profiling of plant parasitic nematodes in row crops	S6-P04
ORLANDO	Valeria	Detection and distribution of Pratylenchus spp. in UK potato fields.	S6-P05
QUINTERO	Tonia	USDA regulations, decisions and operations for nematode management in the United States	S6-P06
RIVA	Gabrieli	Molecular detection and distribution of root-knot nematode species in Florida	S6-P07
TALAVERA	Miguel	A cost-benefit and efficacy analysis of Meloidogyne management strategies in Mediterranean intensive horticulture	S6-P08
VAN HEESE	Evelyn	Influence of relative humidity during drying on viability of Globodera cysts	S6-P09

S7. Biological control of nematodes

SESSION 20 - Natural Products as nematicides

Last name	First name	Title of poster	# poster
NJEKETE	Cliven	Nematicidal plants for root-knot nematode management in tomato agrosystems	S20-PF1
ELEKCIOĞLU	İbrahim Halil	Investigation on the effectiveness of some plant extractions against *Ditylenchus dipsaci* and *Meloidogyne incognita*	S20-PF2

Last name	First name	Title of poster	# poster
ANDIKA	Balawara	Biological control of Meloidogyne graminicola in rice plant by cost-effective bionematicide formula	S7-P01
BALOG	Luca Eszter	Parasitic nematodes of the harlequin ladybird, Harmonia axyridis in Hungary	S7-P02
BEHMAND	TOHID	The effects of root lesion nematodes (Pratylenchus thornei) on chickpea plant and rhizobium bacteria	S7-P03
CANAGUIER	Renaud	Arbuscular Mycorrhizal Fungus Mobilization against Root-Knot Nematodes of Tomato and Pepper Roots	S7-P04
CASTANEDA ALVAREZ	Carlos	Symbiotic bacteria of entomopathogenic nematodes for the biocontrol of dagger nematode Xiphinema index	S7-P05
CHEN	Feng	Interkingdom cooperation between rhizosphere bacteria and nematodes modulates the infectivity of plant-nematodes	S7-P06
CHEN	Hanqiao	New member of the Cytolysin A family: Cry6Aa controls nematocidal activity through glycosphingolipids	S7-P07
CONCEIÇÃO	Isabel	Effects of Trichoderma secondary metabolites on the fitness of Root Knot Nematodes	S7-P08
COSTA	Sofia R.	Compatibility of selected pesticides with Pochonia chlamydosporia	S7-P09
DA ROCHA	Mara Rubia	Trichoderma spp. isolates as potential resistance inducers and biocontrol agents of Meloidogyne javanica on banana	S7-P10
DOUDA	Ondřej	Alternative management of Sugarbeet nematode (Heterodera schachti)	S7-P11
FABIYI	Oluwatoyin	Application of starch citrate biopolymer for controlled release of carbofuran for Meloidogyne incognita management	S7-P12
FOURIE	Hendrika	The biocontrol link between rhizosphere microorganism communities and Meloidogyne populations	S7-P13
FREITAS DE ALMEIDA	Sheila	Trichoderma spp., a growth promoter of tomato roots and Meloidogyne enterolobii populations	S7-P14
GERIČ STARE	Barbara	Two nematicidal Bacillus strains revealed a wide range of possible virulence factors	S7-P15
HAJIHASSANI	Abolfazl	Effects of application timing on the efficacy of Xenorhabdus and Photorhabdus metabolites for control of Meloidogyne incognita	S7-P16
HUSSAIN	Manzoor	Virulence and microbial activity of different nematophagous fungi and chemicals against root-knot nematodes, Meloidogyne incognita, on tomato	S7-P18
KAKOULI-DUARTE	Thomais	Potential of plant growth promoting bacteria as biocontrol agents against the root knot nematode Meloidogyne javanica	S7-P19
KAKOULI-DUARTE	Thomais	Effects of an Alltech® soil health product on entomopathogenic and plant parasitic nematodes in invitro bioassays	S7-P20
KUDJORDJIE	Enoch Narh	Tomato rhizosphere under RKN attack - Deciphering the Meloidogyne incognita pathobiome	S7-P21
LAPEYRE	Laurent	Effects of a chicken manure fertilizer on beneficial nematode communities in vineyard	S7-P22
MARIETTE	Nicolas	Hatching of cyst nematodes in soil drenched with root exudates under controlled environmental conditions	S7-P23
MCPEAK	Sloane	An evaluation of small grain cover crops to reduce Meloidogyne incognita population density in cotton fields	S7-P24
MOGOLLON ORTIZ	Angela Maria	Soil actinobacteria with biocontrol potential against Meloidogyne javanica	S7-P25
MORALES MONTERO	Patricia	Evaluation of bacterial extracts of Xenorhabdus, Photorhabdus, and rhizobacteria to control Meloidogyne ethiopica	S7-P26
OWADA	Kyoko	Free-living nematodes and microorganisms in soil improvement materials for plant parasitic nematode control	S7-P27
PETRIKOVSZKI	Renáta	The combined use of Metarhizium anisopliae and Trichoderma asperellum bioeffectors in the control of Meloidogyne incognita	S7-P28
PRADANA	Ankardiansyah Pandu	Efficacy of a cost-effective bionematicide to control Pratylenchus coffeae on robusta coffee	S7-P29

ROBERT FARIA	Denner	Orchid mycorrhizal fungus Waitea circinata on the control of Meloidogyne enterolobii in tomato crop	S7-P30
SCHLEKER	A. Sylvia S.	Microbial rhamnolipids as a powerful tool in modern agriculture nematode control	S7-P31
SILVA VALENZUELA	Manuel	Endophytic fungi: a biological alternative for the management of root-knot nematodes	S7-P32
SUSIČ	Nik	Nematicidal and plant growth-promoting effects of Bacillus cf. firmus in white-fruited strawberries	S7-P33
VERONICO	Pasqua	Evaluation of different isolates of Trichoderma spp. for antagonistic activity against Meloidogyne incognita	S7-P34
DEGROOTE	Eva	Cold water extract of Cucurbitaceae as basis for future nematode control agents	S7-P35
MANZANILLA-LÓPEZ	Rosa Helena	Pochonia chlamydosporia var. mexicana response to physicochemical factors, rhizosphere colonization and egg parasitism	S7-P36
KISITU	Joseph	Towards high throughput phenotyping of banana for nematode resistance	S7-P37

S8. Nematode omics, metabolism and physiology

Last name	First name	Title of poster	# poster
SESSIONS 9 - 'Omics' in nematology			
MAQSOOD	Maria	In search of a common target for control of nematode and aphid pests	S9-PF1
BELLIARDO	Carole	Metagenomics mining improves analysis of horizontal gene transfers involved in parasitic function in plant-parasitic nematode	S9-PF2
GENDRON	Eli	Development of mitometagenomics protocols for the enhancement of nematode identification and biodiversity study	S9-PF3
SESSIONS 13 - 'Omics' in nematology			
XIANG	Hui	Mining new nematode effectors interacting with plant transcription factors by Cr-Y2H	S13-PF1
PIJNACKER	Anna	SMART UP – Spatial Mapping of Root Transcriptomes Upon Nematode Parasitism	S13-PF2
DANCHIN	Etienne	The strange chromosome ends of root-knot nematodes	S13-PF3

Last name	First name	Title of poster	# poster
ANDERSON	Scott	Manipulating lipid metabolism in plants as a novel plant parasitic nematode control measure	S8-P01
BOURNAUD	Caroline	The search for "parasitism-genes" readers in the world's most damaging plant-parasitic nematode, Meloidogyne incognita	S8-P02
DA ROCHA	Martine	A bioinformatics pipeline for the characterization of small RNAs involved in the plant-root knot nematode interaction	S8-P03
DALZELL	Johnathan	Early life stress promotes aggression and inhibits learning in male nematodes	S8-P04
DALZELL	Johnathan	Temperature modulates tomato gene expression networks, root exudate composition and parasite interactions	S8-P05
DANCHIN	Etienne	Parasitic success without sexual reproduction: what more than 10 years of root-knot nematode genomics revealed?	S8-P06
EVES-VAN DEN AKKER	Sebastian	The transcriptional regulation of plant-nematode parasitism	S8-P07
HASSANALY GOULAMHOUSSEN	Rahim	Chromatin Landscape Dynamics in the Early Development of the Plant Parasitic Nematode Meloidogyne incognita	S8-P08
LEE	Wan-Chun	The roles of neuropeptide genes flp16 and flp18 in Pratylenchus vulnus	S8-P09
MIRGHASEMI	Seyedeh Negin	Molecular characterization and functional importance of b-1,4-endoglucanases from the root-lesion nematode Pratylenchus loosi	S8-P11
MITREVA	Makedonka	Comparative genomics of parasitic nematodes	S8-P12
O'CONNOR	Vincent	Elucidating the mode of action of a novel nematicide, fluensulfone, using plant parasitic nematode, *Globodera pallida*	S8-P13

PETTRICH	Laura	Unravelling the demographic history of a Pleistocene nematode	**S8-P14**
ROBINSON	Colin	Temperature Response of Metabolic Activity of an Antarctic Nematode	**S8-P15**
SAGAWA	Marika	A newly identified volatile sex pheromone of *Caenorhabditis* elegans	**S8-P16**
SCHIFFER	Philipp	Beyond omics: establishing new nematode model systems to study the evolution of parthenogenesis (and development)	**S8-P17**
VAN STEENBRUGGE	Joris	Highly Polymorphic Regions in the Genome of Meloidogyne chitwoodi Reveal Potential Effectors	**S8-P18**
VERMA	Anju	Functional characterization of a highly expanded superfamily of dorsal gland effector proteins in cyst nematodes	**S8-P19**
RODRIGUES	Jules	Growing the tree: an update of the Onchocercidae evolutionary history with a multi-locus phylogeny	**S8-P20**
VICENTE	Cláudia	Silencing a new female-specific multi-gene family of Pratylenchus penetrans can reduce nematode propagation	**S8-P21**

S9. Entomopathogenic nematodes

Last name	First name	Title of poster	# poster

SESSION 4 - EPN ecology and biology

CHACON	Andrea	War in the darkness: the use of volatile organic compounds and entomopathogenic nematodes to control wireworms	**S4-PF1**
COCKX	Bram	Mass spectrometry-driven discovery of neuropeptidergic systems regulating nictation in free-living and parasitic nematodess	**S4-PF2**
DRITSOULAS	Alexandros	Standardized surveys confirm greater EPN presence and diversity in a subtropical compared to Mediterranean citrus orchards	**S4-PF3**

SESSION 26 - EPN commercialization and application

VANDENBOSSCHE	Bart	Efficacy of species mixtures of entomopathogenic nematodes against different larval stages of cockchafers	**S26-PF1**
SHEHATA	Ibrahim	Early season use of *Heterorhabditis bacteriophora* increases strawberry yield in fields infested by the white grub *Temnorhynchus baal*	**S26-PF2**
GARRIGA	Anna	The undetectable killer: *Steinernema carpocapsae* avoid recognition when infecting *Drosophila suzukii* larvae.	**S26-PF3**

Last name	First name	Title of poster	# poster
BALOG	Luca Eszter	Diversity of entomoparasitic nematodes in the rose chafer, Cetonia aurata grub	**S9-P01**
BETANZO	Nicolás	Host-seeking behavior of the native entomopathogenic nematode Steinernema unicornum and its phylogenetic relationship with the exotic strains marketed in Chile	**S9-P02**
BHAT	Aashaq Hussain	Steinernema siamkayai (Rhabditida: Steinernematidae): notes on its morphology, bionomy and distribution from the Indian subcontinent	**S9-P03**
BLANCO-PÉREZ	Ruben	Impact of differentiated farming practices on the native entomopathogenic nematodes in DOCa Rioja vineyards (Northern Spain)	**S9-P04**
CHAUBEY	Ashok	Steinernema abbasi (isolate CS2)-Xenorhabdus indica complex and Helicoverpa armigera immune response	**S9-P05**
DANSO	Yaw	Natural populations of entomopathogenic nematodes on sweetpotato farms in southern Ghana	**S9-P06**
DUNCAN	Larry	Arthropod community responses reveal potential predators and prey of entomopathogenic nematodes in a citrus orchard	**S9-P07**
DUNN	Murray David	Protein source impact on the recovery and yield of entomopathogenic nematodes, using in vitro liquid culture	**S9-P08**
DUNN	Murray David	In vitro liquid mass production of Steinernema jeffreyense, using a designer desktop bioreactor	**S9-P09**

EHLERS	Ralf-Udo	Heterorhabditis bacteriophora: An excellent model for genetic improvement of biocontrol traits	**S9-P10**
ELIÁŠ	Sara	Bioactive molecules produced by Heterorhabditis bacteriophora affects the phenoloxidase system of Galleria mellonella	**S9-P11**
GALEANO	Magda	The successful story of Entomopathogenic Nematodes against foliar pests: our silver bullet	**S9-P12**
GALEANO	Magda	How to Successfully Apply Entomopathogenic Nematodes in an IPM System?	**S9-P13**
GONZÁLEZ-PAZ	Lenin	Metformin as enhancer of entomopathogenic nematode performance	**S9-P14**
GRUBIŠIĆ	Dinka	Isolation of entomopathogenic nematodes on agricultural land in Croatia	**S9-P15**
MADAURE	Jacqueline Tinashe	Morphological responses of Steinernema feltiae exposed to purified active ingredient of Nemarioc-AL phytonematicide	**S9-P16**
MALAN	Antoinette	In vitro-cultured entomopathogenic nematodes to control the false codling moth, Thaumatotibia leucotreta	**S9-P17**
NAVAREZ	Mara Louisa	Isolation, characterization, and virulence of entomopathogenic nematodes in Davao del Sur, Philippines against superworm Zophobas morio	**S9-P18**
NAVARRO	Patricia	Steinernema australe display chemotaxis towards volatiles identified from blueberry roots	**S9-P19**
PETRIKOVSZKI	Renáta	The effect of aqueous extracts of mulch materials on entomopathogenic, slug-parasitic and root-knot nematodes	**S9-P20**
SEBUMPAN	REA	Co-cultivation of entomopathogenic fungi and entomopathogenic nematodes in search of improved biocontrol against Spodoptera litura	**S9-P22**
STOKWE	Nomakholwa	Potential of local entomopathogenic nematodes for control of the vine mealybug, Planococcus ficus	**S9-P26**
SUAN	Mayvel	Distribution, characterization and virulence of the isolated entomopathogenic and entomophilic nematodes in selected vegetable and root crop farms in Bukidnon province, Philippines against cotton cutworm (Spodoptera litura)	**S9-P27**
SUMAYA	Nanette Hope	Isolation and biocontrol potential of entomopathogenic and entomophilic nematodes from Talakag, Bukidnon and Claveria, Misamis Oriental, Philippines	**S9-P28**
VANDENBOSSCHE	Bart	Breeding for improved virulence and post-application longevity of Heterorhabditis bacteriophora dauer juveniles	**S9-P30**
VICENTE DÍEZ	Ignacio	Plasticity in the use of Xenorhabdus nematophila and Photorhabdus laumondii against Botrytis cinerea	**S9-P31**
WU	Sheng-Yen	Concomitant species of entomopathogenic nematodes alter dispersal behavior and increase insecticidal efficiency	**S9-P32**
WANG	Zhen	Broad phenotyping of DJ-recovery in Heterorhabditis bacteriophora using highly homozygous mutants and WT-inbred lines	**S9-P33**

S10. Future of nematology, education and training

Last name	First name	Title of poster	# poster
INACIO	Maria	Nematology lab of INIAV: a 10-year overview of research, training and services	**S10-P01**
KAKOULI-DUARTE	Thomais	Nematology and the environment: a worm's tail	**S10-P02**
ROMERO MOYA	Lizzete Dayana	Thirty years of plant-parasitic nematode research in America	**S10-P03**
SHAPIRO-ILAN	David	The Journal of Nematology.	**S10-P04**
VAN HEESE	Evelyn	The nematode collections at the NPPO, Wageningen, The Netherlands	**S10-P05**
LOPES	Carina	Preliminary development of an automated system for identification and quantification of nematodes	**S10-P06**