



## FINAL PROGRAMME

Venue	Camera di Commercio di Firenze	
<b>Wednesday, 16/10/2019</b>		
14:00-15:00	<b>ARRIVAL - REGISTRATIONS</b>	
15:00-16:00	<b>Opening Session</b>	
16:00-18:30	<b>Meat Quality and Food Technology</b>	
<b>Chairmen</b>	Bénédicte Lebret – David Tejerina Barrado	
16:00-16:30	<b>MAIN LECTURE</b> Clemente López Bote <i>Distinctive characteristics of Iberian pig meat</i>	I01
16:30-16:45	Mónica Flores, Clarissa Salafia, José Javier López-Diez, Carmela Belloch <i>Flavour generation in dry cured loins as affected by paprika addition and reduced nitrite/nitrate ingoing amounts</i>	Q01
16:45-17:00	Danijel Karolyi, Urška Tomažin, Nives Marušić Radovčić, Zoran Luković, Dubravko Škorput, Krešimir Salajpal, Helga Medić, Martin Škrlep, Marjeta Čandek Potokar <i>Effect of animal's diet, processing method and muscle type on quality traits of dry-cured hams produced from Turopolje pigs</i>	Q02
17:00-17:15	Bénédicte Lebret, Carolina Pugliese, Marjeta Čandek-Potokar and TREASURE consortium <i>Quality of pork from European local pig breeds: analytical study on the average and variability of sensory, technological and nutritional traits within and between breeds - TREASURE project</i>	Q03
17:15-17:30	Gizella Aboagye, Stefania Dall'Olio, Martina Zappaterra, Leonardo Nanni Costa <i>Apulo-calabrese breed: stress and meat characteristics</i>	Q04
17:30-17:45	Miguel Angel Fernández-Barroso, Silvia Parrini, Patricia Palma-Granados, Maria Muñoz, Alessandro Croveti, Juan Maria García-Casco, Riccardo Bozzi <i>Use of NIRs for the assessment of meat quality traits in Iberian montanera pigs</i>	Q05
17:45-18:00	Juan Manuel Cáceres Nevado, Ana Garrido Varo, Emiliano De Pedro Sanz, Dolores Pérez Marín <i>Discrimination between fresh and frozen-thawed Iberian pig m. Longissimus dorsi by Near Infrared Reflectance Spectroscopy</i>	Q06
18:00-18:15	Valentina Becciolini, Silvia Parrini, Alessandro Croveti, Annalisa Romani, Silvia Urciuoli, Anna Acciaioli <i>Effect of natural additives on physical and sensory characteristics of Cinta Senese sausage</i>	Q07

18:15-18:30	Francisco J. Mesías, Carlos Díaz-Caro, Alberto Ortiz, Ahmed Elghannam, Susana García-Torres, Pilar Romero, Miguel Escribano, Paula Gaspar <b><i>Consumers' preferences for sliced Iberian dry-cured ham in Spain: do production systems really matter?</i></b>	Q08
-------------	---	-----

19:00-20:00	WELCOME COCKTAIL (Venue: Camera di Commercio)	
-------------	---	--

<b>Thursday, 17/10/2019</b>
-----------------------------

<b>Animal Breeding and Genetics</b>		
<b>Chairmen</b>	Luca Fontanesi – Maria Muñoz	
09:00-9:30	<b>MAIN LECTURE</b> Francesco Tiezzi <b><i>On the use of gut microbiota information in swine breeding</i></b>	I02
09:30-9:45	Cristina Óvilo, Maria Muñoz, Riccardo Bozzi, Juan García-Casco, Yolanda Núñez, Meta Čandek-Potokar, Anisa Ribani, Giuseppina Schiavo, Samuele Bovo, Silvia Tinarelli, Maurizio Gallo, Isabel Fernández, Luca Fontanesi and TREASURE CONSORTIUM <b><i>Genomic analysis and selection signatures in local European pig breeds</i></b>	G01
09:45-10:00	Ana Heras-Molina, Consolación García-Contreras, Marta Vázquez-Gómez, Rita Benítez, Yolanda Núñez, Jaime Ballesteros, Jose Luis Pesántez-Pacheco, M.Victoria Sanz-Fernández, Susana Astiz, Beatriz Isabel, Antonio González-Bulnes, Cristina Óvilo <b><i>Genotype, gender and interaction effects on piglet hypothalamic transcriptome</i></b>	G02
10:00-10:15	Samuele Bovo, Giuseppina Schiavo, Anisa Ribani, Valerio Joe Utzeri, Giulia Moscatelli, Luca Fontanesi <b><i>Mining whole genome resequencing data from Italian pig breeds identifies selection signatures and putative causative mutations affecting phenotypic differences</i></b>	G03
10:15-10:30	Adrián López-García, Rita Benítez, Yolanda Núñez, Emilio Gómez Izquierdo, Eduardo de Mercado, Juan García-Casco, Clemente López-Bote, Oscar González-Recio, Jordi Estellé, Cristina Óvilo <b><i>Influence of breed and dietary energy source on gut microbiota composition in Iberian and Duroc pigs</i></b>	G04
10:30-10:45	Martina Zappaterra, Paolo Zambonelli, Roberta Davoli <b><i>Association study between SNPs in ACACA, ACLY, FASN, and SCD genes and fatty acid composition of backfat and muscle in Italian Large White pigs</i></b>	G05
10:45-11:30	COFFEE BREAK	
11:30-11:45	Marie-José Mercat, Elias Zahlan, Matthias Petig, Herveleine Lenoir, Pascal Cheval, Marjeta Čandek-Potokar, Martin Škrlep, Andrej Kastelic, Boris Lukic, João Nunes, Preciosa Pires, Bénédicte Lebret <b><i>An online database for growth, carcass and meat quality traits for future breeding programs in local pig breeds</i></b>	G06

11:45-12:00	Anisa Ribani, Silvia Tinarelli, Valerio Joe Utzeri, Claudio Bovo, Stefania Dall'Olio, Maurizio Gallo, Luca Fontanesi <b>Application of DNA marker information to assure the integrity of autochthonous pig breed production chains</b>	G07
12:00-12:15	Silvia Tinarelli, Maurizio Gallo, Luca Fontanesi <b>The Suis Project: actions for the conservation of Italian autochthonous pig breeds and for the improvement of sustainability</b>	G08
12:15-12:30	Michela Ablondi, Paola Superchi, Valentino Beretti, Alberto Sabbioni <b>Exploring genetic diversity in Nero di Parma pig breed to develop strategies for conservation and management</b>	G09
12:30-12:45	Manolo Cappelloni, Maurizio Gallo, Roberto Steri, Luca Buttazzoni <b>Genetic evaluation of the longevity of the traditional Italian Large White and Italian Landrace breeds</b>	G10
12:45-13:00	Francesco Nen, Luciana Sartori, Manolo Cappelloni <b>Genetic programs for the preservation of Italian autochthonous pig breeds: results and future prospects</b>	G11
13:00-14:00	LUNCH	

Socio Economics		
<b>Chairmen</b>	Marjeta Čandek-Potokar – Rui Charneca	
14:00-14:30	<b>Main Lecture</b> Ginevra Virginia Lombardi <b>Pig farming in the Mediterranean area: social, environmental and economic aspects</b>	I03
14:30-14:45	Marjeta Čandek-Potokar, Zein Kallas, Urška Tomažin, Martin Škrlep, Nina Batorek-Lukač, Jose Maria Gil <b>Consumer acceptance and market potential of products from Krškopolje pig</b>	E01
14:45-15:00	Peter Balogh, Mónika Harangi-Rákos, Péter Kómvíves, Péter Lengyel, Dániel Fróna, Orsolya Nagy, Lajos Nagy <b>Analysing producer opinions about traditional pig keeping in Hungary</b>	E02
15:00-15:15	François Charrier, Mélanie Gallois, Oscar Maestrini, Stéphane Lugrezi, Fabien Casalta, François Casabianca <b>Experiencing new ways of designing pig disease management programs: emergence of a form of “middle management” of Aujeszky disease in Corsica</b>	E03
15:15-15:30	Justine Faure, Ludovic Brossard, Florence Garcia-Launay, Marta Gil, Zein Kallas, José M. Gil <b>A qualitative and participative approach to analyse different strategies of valorisation of Noir de Bigorre pork chain</b>	E04
15:30-15:45	Paula Gaspar, Natalia Carrillo, Francisco J. Mesías, Andrés Horrillo, Ahmed Elghannam, Miguel Escribano <b>An insight about the Spanish quality standards for Iberian pig products by means of stakeholders’ in-depth interviews</b>	E05

20:00	GALA DINNER (Venue: Roof Garden Baglioni Hotel)	
-------	---	--

Friday, 18/10/2019

### Farming System + Animal Health

<b>Chairmen</b>	József Rátky – Oreste Franci	
09:00-9:30	<p style="text-align: center;"><b>MAIN LECTURE</b></p> <p style="text-align: center;">Vicente Rodríguez-Estévez</p> <p style="text-align: center;"><b><i>Iberian pigs and dehesa: an agroforestry system</i></b></p>	I04
09:30-9:45	<p>Martin Škrlep, Urška Tomažin, Nina Batorek Lukač, Marjeta Čandek-Potokar</p> <p><b><i>Quality of dry-cured ham from Krškopolje pig – comparison of organic and conventional housing system</i></b></p>	F01
09:45-10:00	<p>Mercedes Izquierdo, Nicolas Garrido, Francisco I. Hernández-García, Javier García-Gudiño, Miguel Angel Perez, Ana Isabel del Rosario</p> <p><b><i>Evaluation of muscle and fat deposition in three Iberian pig lines in two feeding systems by serial ultrasound scanning</i></b></p>	F02
10:00-10:15	<p>Francisco I. Hernández-García, Javier Matías, Maria López-Parra, Javier García-Gudiño, Veronica Cruz, Miguel Ángel Pérez, Carmen Barraso, Sonia Pardo, Nicolas Garrido, Mercedes Izquierdo</p> <p><b><i>Effects of selenium-biofortified triticale feedstuff on meat quality and antioxidant capacity in extensive-raised Iberian pigs</i></b></p>	F03
10:15-10:30	<p>Perrine Devleeshouwer, Elie Chemel, Marie Gisclard, François Charrier, Oscar Maestrini</p> <p><b><i>Slaughterhouses and pig farmers in Corsica: a systemic and geographical approach of a sanitary surveillance system</i></b></p>	F04
10:30-10:45	<p>Liane Dupon, Morgane Laval, Oscar Maestrini, François Charrier, Ferran Jori, Francois Casabianca</p> <p><b><i>Using local knowledge to characterize Corsican pig farms practices for an epidemiological purpose</i></b></p>	F05
10:45-11:30	COFFEE BREAK	

### Animal Breeding and Genetics

<b>Chairmen</b>	Cristina Ovilo – Riccardo Bozzi	
11:30-11:45	<p>María Muñoz, Carmen Caraballo, Luis Silió, Carmen Rodríguez, Fernando Gómez, Fernando Sánchez, Juan María García-Casco</p> <p><b><i>Association analyses for intramuscular fat content on purebred Iberian pigs using a costumed SNP panel from RNAseq data</i></b></p>	G12
11:45-12:00	<p>Roberta Davoli, Martina Zappaterra, Domenico Pietro Lo Fiego, Paolo Zambonelli</p> <p><b><i>Green Charcuterie project: effects of pig diets added with linseed and antioxidants on muscle gene expression and identification of differentially expressed genes</i></b></p>	G13
12:00-12:15	<p>Giuseppina Schiavo, Maria Muñoz, Samuele Bovo, Anisa Ribani, Juan García-Casco, Yolanda Núñez, Silvia Tinarelli, Valerio Joe Utzeri, Maurizio</p>	G14

	Gallo, Riccardo Bozzi, Marjeta Čandek-Potokar, Ana Fernández, Cristina Óvilo, Luca Fontanesi, TREASURE CONSORTIUM <b><i>Genomic inbreeding in European autochthonous pig breeds: analysis of runs of homozygosity</i></b>	
12:15-12:30	Rita Benítez, Beatriz Isabel, Yolanda Núñez, Eduardo De Mercado, Emilio Gómez Izquierdo, Juan Maria García-Casco, Clemente López-Bote, Cristina Óvilo <b><i>Diet effect on adipose tissue transcriptome along growth in Iberian pigs</i></b>	G15

13:00-14:00	LUNCH
-------------	-------

Nutrition and Reproduction		
<b>Chairmen</b>	Rosa Nieto – Carolina Pugliese	
14:00-14:30	<b>MAIN LECTURE</b> Rosa Nieto <b><i>Iberian pig as a model to study protein and lipid metabolism in fatty pigs</i></b>	I05
14:30-14:45	Wendy M. Rauw, Juan M. García Casco, Fernando Gómez Carballar, Luis Alberto García Cortés, Eduardo de la Serna Fito, Patricia Palma Granados, Miguel A. Fernández Barroso, Luis Gomez-Raya <b><i>Relationship between feed efficiency and meat quality in Iberian pigs</i></b>	N01
14:45-15:00	Luigi Gallo, Stefano Schiavon, Celio Paolo Sasso, Paolo Carnier <b><i>Performance, carcass and ham traits of heavy pigs managed on different targets for age and weight at slaughter</i></b>	N02
15:00-15:15	Ignacio Fernández-Fígares, Luis Lara, Manuel Lachica <b><i>Betaine increases portal appearance of branched chain amino acids in Iberian pigs</i></b>	N03
15:15-15:30	Antonio González-Bulnes, Susana Astiz, Maria Victoria Sanz-Fernández, Consolación García-Contreras, Ana Heras-Molina, Jose Luis Pesántez-Pacheco, Marta Vázquez-Gómez <b><i>The relative roles of birth-weight and postnatal diet on patterns of growth and fattening in Iberian pigs</i></b>	N04
15:30-15:45	Ana Heras-Molina, Marta Vázquez-Gómez, Consolación García-Contreras, Victoria Sanz-Fernández, Laura Torres-Rovira, Jose Segura-Plaza, Jose-Luis Pesántez-Pacheco, Susana Astiz, Cristina Óvilo, Antonio González-Bulnes, Beatriz Isabel <b><i>Effect of maternal antioxidant and omega-3 supplementation on the subcutaneous fatty acid profile of the Iberian offspring</i></b>	N05
15:45-16:00	Manuel Lachica, Ignacio Fernández-Fígares, Isabel Seiquer, Luis Lara, Fernando Sánchez-Esquiliche, Fernando Gómez-Carballar, José María Pariente, Rosa Nieto <b><i>Performance of lactating Iberian sows fed diets of different protein concentration</i></b>	N06

## POSTER SESSION

Topic		
Animal health	Cristina Tabuc, Mihaela Dumitru, Mihaela Hăbeanu <b><i>Effects of bioaditive based on Lactobacillus strain in weaning Topigs piglets</i></b>	P01
Farming system	Carlos Díaz-Caro, Alberto Ortiz, Francisco J. Mesías, Pilar Romero, Miguel Escribano, Paula Gaspar <b><i>The cost of Iberian pig in extensive conditions: a case study of different marketed products according to Spanish regulations</i></b>	P02
Farming system	António do Rosário Oliveira, Manuel Joaquim Marques Patanita, Mariana Augusta Casadinho Parrinha Duarte Regato, Maria de Fátima Nunes de Carvlhao, Maria Adelaide Araújo Almeida, Carlos Manuel Marques Ribeiro, Anabela Cândida Ramalho Durão, Nuno Manuel Nobre de Brito Faustino, Pedro Camacho <b><i>Autochthonous Portuguese Alentejo pig breed (Sus ibericus): preliminary scientific notula II</i></b>	P03
Farming system	Javier García-Gudiño, Isabel Blanco-Penedo, Alessandra Monteiro, Sandrine Espagnol, Florence Garcia-Launay <b><i>Environmental impacts of contrasted Iberian pig production systems</i></b>	P04
Farming system	Javier García-Gudiño, Mercedes Izquierdo, Javier Matías, Veronica Cruz, Miguel Ángel Pérez, Sonia Pardo, Francisco I. Hernández-García <b><i>Optimization of Iberian pig extensive systems during the growing period: use of alternative protein sources through grazing</i></b>	P05
Farming system	Elena González, María Muñoz, Miguel Angel Fernández-Barroso, Carmen Caraballo, Juan M. García-Casco <b><i>Growth description of Iberian x Duroc crossbred pig through the evaluation of nonlinear mathematical models</i></b>	P06
Farming system	Elena González, Alberto Ortiz, Susana García-Torres, María Cabeza de Vaca, David Tejerina <b><i>Relationship between various live animal measurements and carcass quality in Iberian pigs</i></b>	P07
Farming system	Eleonora Nannoni, Domenico Ventrella, Andrea Antonelli, Alessandro Valicelli, Giovanna Martelli, Luca Sardi <b><i>Group housing of sows: effects of season and day of grouping on sow welfare and reproductive performance</i></b>	P08
Farming system	Sebastiano Porcu, Giovanni Piras, Francesco Nuvoli, Gianni Battacone, Carlo Diaferia, Gian Marco Saba, Giuliano Patteri <b><i>Woodland and livestock systems in inland areas of Sardinia: the case of the native pig breed</i></b>	P09
Farming system	Shumin Zhang, Qi Zhang, Na Li, Zhaohua Li, Zhibin Zhang <b><i>Effects of grazing on production performance in Songliao Black swine</i></b>	P10
Farming system	Dubravko Škorput, Danijel Karolyi, Krešimir Salajpal, Sven Menčik, Vedran Klišanić, Željko Mahnet, Zoran Luković <b><i>Production traits of Banija spotted pig</i></b>	P11
Farming system	Joan Tibau, Raquel Quintanilla, Joel Gonzalez, Neus Torrentó, Pere Antoni Company, Josep Cifre, Jaume Jaume <b><i>Effect of feed restriction and sex on growth performances and carcass composition in "Porc Negre Mallorquí" pig breed</i></b>	P12

Farming system	João Santos Silva, Joaquim Orlando Cerqueira, Marjeta Čandek-Potokar, José Pedro Araújo <b><i>The short supply chains of the Bísaro pig. The results of TREASURE as a reference of knowledge and networking tool</i></b>	P13
Farming system	Francesco Sirtori, Silvia Parrini, Chiara Aquilani, Oreste Franci, Carolina Pugliese, Anna Acciaioli, Riccardo Bozzi <b><i>Forage chain management in rearing system of Cinta Senese</i></b>	P14
Animal Breeding and Genetics	André Albuquerque, Cristina Óvilo, Yolanda Núñez, Rita Benítez, Adrián López-García, Jaime Ballesteros, Fabián García, Marta Laranjo, Rui Charneca, José Manuel Martins <b><i>Identification of differentially expressed key genes of Longissimus lumborum samples from Portuguese Alentejano and Bísaro local pig breeds</i></b>	P15
Animal Breeding and Genetics	Miguel Ángel Fernández-Barroso, Carmen Caraballo, Fernando Gómez, Yolanda Núñez, Juan María García-Casco, María Muñoz <b><i>Technical validation of longissimus dorsi transcriptomic expression on purebred Iberian pigs divergent for meat tenderness from a RNAseq experiment</i></b>	P16
Animal Breeding and Genetics	Kristina Gvozdanović, Ivona Djurkin Kušec, Vladimir Margeta, Žarko Radišić, Goran Kušec <b><i>Carcass and meat quality of purebred Black Slavonian pigs and crossbreeds with Duroc</i></b>	P17
Animal Breeding and Genetics	Polona Margeta, Vladimir Margeta <b><i>Changes in the genetic status of Crna slavonska pig breed over 15 years</i></b>	P18
Animal Breeding and Genetics	Yolanda Núñez, Radović Čedomir, Savić Radomir, Marjeta Čandek-Potokar, Rita Benítez, Radojković Dragan, Lukić Miloš, Gogić Marija, Luca Fontanesi, Cristina Óvilo <b><i>Muscle transcriptome in Mangalitsa and Moravka pigs</i></b>	P19
Animal Breeding and Genetics	Dubravko Škorput, Minja Zorc, Kristina Gvozdanović, Polonca Margeta, Zoran Luković, Danijel Karolyi, Vedran Klišanić, Sven Menčik, Peter Dovč, Krešimir Salajpal <b><i>Optimal contribution selection: a tool for sustainable management of Banija spotted pig</i></b>	P20
Animal Breeding and Genetics	Masaaki Taniguchi, Aisaku Arakawa, Shinya Ishihara, Quang Minh Luu, Doan Lan Pham, Van Ba Nguyen, Nguyen Cong Dinh, Pham Hai Ninh, Ngo Thi Kim Cuc, Kazuhiro Kikuchū, Satoshi Mikawa <b><i>Genetic analysis on Vietnamese native pigs: variations of coat color and porcine endogenous retrovirus genes</i></b>	P21
Animal Breeding and Genetics	Miguel Angel Fernández-Barroso, Patricia Palma-Granados, Carmen Caraballo, Fernando Gómez, María Muñoz, Juan María García-Casco <b><i>SNP association analyses for myoglobin content and water holding capacity in a purebred Iberian pig population</i></b>	P22
Meat Quality and Food Technology	Ramón Cava, Guadalupe Lavado, Nieves Higuero, Irene Montero, Luis Ladero <b><i>Lactic acid and glycogen contents, pH and meat quality from Iberian pigs raised on free-range and fed on acorn and grass: early, middle and late "montanera"</i></b>	P23
Meat Quality and Food Technology	Carlos Díaz-Caro, Francisco J. Mesías, Alberto Ortiz, Ahmed Elghannam, David Tejerina, Andrés Horrillo, Eva Crespo, Paula Gaspar <b><i>Modeling preference heterogeneity and willingness to pay for Iberian dry-cured ham</i></b>	P24

Meat Quality and Food Technology	José Manuel Martins, André Albuquerque, Rita Fialho, José Neves, Amadeu Freitas, José Tirapicos Nunes, Rui Charneca <b><i>Alentejano and Bísaro pigs and their crosses: genotype effect on loin traits</i></b>	P25
Meat Quality and Food Technology	Silvina Ferro Palma, Maria João Carvalho, António Floro, María Jesús Martín Mateos, Jesús García-Parra <b><i>Effects of high pressure on properties of meat products</i></b>	P26
Meat Quality and Food Technology	Luca Sardi, Andrea Rossi, Enrica Gorlani, Andrea Bertolini, Giulia Rubini, Ruben Cantagallo, Giovanna Martelli, Eleonora Nannoni <b><i>Are the green hams classified as "E" idoneous for the production of Parma ham?</i></b>	P27
Meat Quality and Food Technology	Radomir Savić, Čedomir Radović, Dragan Radojković, Nenad Parunović, Marija Gogić, Bénédicte Lebret, Marjeta Čandek-Potokar <b><i>Effect of immunocastration on chemical content and fatty acid composition of fat tissue of Mangalitsa pigs</i></b>	P28
Meat Quality and Food Technology	David Tejerina, Rebeca Contador, Susana García-Torres, María Cabeza de Vaca, Alberto Ortiz <b><i>Potential use of near infrared reflectance spectroscopy (NIRS) to predict the commercial categories of pre-sliced and packaged Iberian dry-cured ham</i></b>	P29
Meat Quality and Food Technology	Marta Vázquez-Gómez, Consolación García-Contreras, Laura Torres-Rovira, José Luis Pesantez-Pacheco, María Victoria Sanz-Fernández, Ana Heras-Molina, Susana Astiz, Cristina Óvilo, Antonio González-Bulnes, Beatriz Isabel <b><i>Changes in tissue fatty acid composition during postnatal development in Iberian pigs</i></b>	P30
Meat Quality and Food Technology	Silvia Parrini, Christos Dadousis, Danijel Karolyi, José Manuel Martins, Juan Maria Garcia-Gasco, Nuria Panella-Riera, Rosa Nieto, Matthias Petig, Violeta Razmaite, Ivona Djurkin Kušec, José Pedro Araujo, Meta Candek-Potokar, Bénédicte Lebret, Claudio Cipolat Gotet, Riccardo Bozzi <b><i>Tracing autochthonous pig breeds with meat near-infrared spectra data</i></b>	P31
Meat Quality and Food Technology	Chiara Aquilani, Francesco Sirtori, Corrado Dimauro, Riccardo Bozzi, Oreste Franci, Luca Calamai, Anna Acciaioli, Antonio Pezzati, Carolina Pugliese <b><i>Evolution of the volatile compounds along curing in Semimembranosus muscle of the Toscano ham</i></b>	P32
Nutrition and Reproduction	Elena González, José Luis Noguera, Noelia Ibáñez-Escriche, María Jesús García-Santana, Miguel Ángel Fernández-Barroso, Juan Florencio Tejeda <b><i>Fatty acid composition, lipogenic enzyme activities and increased thickness of subcutaneous adipose tissue of two lines of Iberian pigs subjected to three types of feed during the fattening period</i></b>	P33
Nutrition and Reproduction	Mihaela Hăbeanu, Nicoleta Aurelia Lefter, Anca Gheorghe, Arabela Untea, Mariana Ropotă, Cristina Tabuc <b><i>Effects of n-3 polyunsaturated fatty acids rich diet on nitrogen metabolism in growing barrows</i></b>	P34
Nutrition and Reproduction	Abdelaziz Hussein, Haitian Yang, Seidu Adams, Pakama Siphellele Nyingwa, Saddam Hussein, Hailong Jiang, Guixin Qin, Mohammed Hamdy Farouk <b><i>Effect of high dietary fiber level on performance of pregnant Songliao Black sow and their litters</i></b>	P35
Nutrition and Reproduction	Nicoleta Aurelia Lefter, Mihaela Hăbeanu, Anca Gheorghe, Lavinia Idriceanu <b><i>Effects of millet grain diet on growth performance and certain plasma parameters of growing pigs</i></b>	P36
Nutrition and Reproduction	Isabel Seiquer, Ana Haro, Patricia Palma-Granados, Luis Lara, José F. Aguilera, Rosa Nieto	P37



	<b><i>Performance of growing Iberian pigs fed diets of different Ca and P concentration</i></b>	
Nutrition and Reproduction	Silambarasan Velliyangiri, Deepalakshmi Govindarajan, Archunan Govindaraju <b><i>Investigation and validation of potential pheromone (p-cresol) and its binding protein (pbp) estrus urine of sow in relation to reproduction</i></b>	P38
Nutrition and Reproduction	Consolación Garcia-Contreras, Marta Vazquez-Gomez, Ana Heras-Molina, José Luis Pesantez, Teresa Encinas, Susana Astiz, Laura Torres-Rovira, Beatriz Isabel, Cristina Ovilo, Antonio Gonzalez-Bulnes <b><i>Effects of Maternal Hydroxytyrosol Supplementation on Fatty Acids Composition of Iberian Swine Fetuses</i></b>	P39