



## 12th World Rabbit Congress

November 3-5, 2021 - Nantes, France



### List of accepted communications

(communications by alphabetical order intra session, but invited papers first)  
(country of the first author)

Click on the session title to go to the session's list

- [Biology & Physiology](#)
- [Breeding & Genetics](#)
- [Ethology & Welfare](#)
- [Farming & Economy](#)
- [Nutrition & Feeding](#)
- [Open session](#)
- [Pathology & Hygiene](#)
- [Quality of products](#)
- [Reproduction](#)

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<https://colloque.inrae.fr/wrc2020>

Deadline for registration : October 15<sup>th</sup> 2021

#### Session BIOLOGY & PHYSIOLOGY

*Invited paper*

**González-Mariscal G. (Mexico)** - Neuroendocrinology applied to rabbit breeding

*Short communications*

**Acosta Acosta Y., La O Michel A L., Valdivé Navarro M., Jay Herrera O., Betancourt Santos N.N., Villalón Moracen Y, Frómata Tonzón D. (Cuba)** - Nutritive contribution of growing rabbits caecotrophy, supplied with degreased coconut flour.

**Afanassieff M., Gavin-Plagne L., Perold F., Bouchereau W., Buff S., Joly T., Rival-Gervier S., Beaujean N. (France)** - Rabbit pluripotent stem cells: a promising and useful biotechnology tool.

**Aroun Rabiha , Tlili Thiziri , Benamara Liza , Khaldoun-Oularbi Hassina , Daoudi-Zerrouki Nacira (Algeria)** - Histofunctional characteristics of the mammary gland in a synthetic rabbit strain.

**Cauquil L., Beaumont M., Schmaltz-Panneau B., Liaubet L., Lippi Y., Gress L., Bluy L., Duranthon V., Combes S. (France)** - Coprophagy in rabbit upregulates immune system gene expression in ileum.

- Chen Saijuan, Liu Yajuan, Yuan Wanzhe , Li Jiangtao, Pang Lixin , Gu Zilin, Chen Baojiang.** (China) - Distribution of nutrient transporter related genes in different segments in small intestine of rabbits.
- Chen Yang, Zhao B.H., Li J.L., Hu S.S., Yang N.S., Bao Z.Y., Wu X.** (China) - LNCRNA2919 mediated hair follicle development and growth in Angora rabbits. [BP-07](#)
- Cholis Nur, Nursita Ita Wahju** (Indonesia) - Use of rabbit feces and rural by-products with addition of Azotobacter microbial culture and its effect on media quality and Lumbricus rubellus productivity.
- Cotozzolo E., Collodel G., Signorini C., Mattioli S., Cartoni Mancinelli A., Dal Bosco A., Castellini C.** (Italy) - Effect of dietary n-6/n-3 ratio on fatty acid distribution in different rabbit tissues.
- Ding H.S., Cheng G.L., Leng J.J., Yang Y.X., Zhao X.W., Wang X.F., Qi Y.X., Huang D.W., Zao H.L.** (China) - Analysis of histological and micro-RNA profiles changes in rabbit skin development.
- El-Gindy Y., Zahran S., Abd El-Rahman M., Ameen A.** (Egypt) - Physiological responses of manno-oligosaccharide on lipid profile of heat stressed rabbits. (France=
- Gardan-Salmon D., Maupin M., Bebin K., Robert R.** (France) - Impact of different levels of feed restriction during fattening period on growth performances and mammary gland development in mid-term pregnant does.
- Inácio, D. F. S., Ferreira, W. M., Ferreira, F. N. A , Mota, K. C. N. , Costa Junior, M., Silva Neta, C. S., Rocha, L. F., Ferreira, M. A.** (Brazil) - Volatile fatty acids production of growing rabbits feed with different levels of beet pulp.
- Inácio, D. F. S., Ferreira W. M., Ferreira F. N. A., Mota K. C. N., Costa Junior M., Silva Neta C. S., Rocha L. F., Ferreira M. A.** (Brazil) - Gas production and *in vitro* digestibility of different levels of inclusion of beet pulp in diets of growing rabbits.
- Iwuji, T. C., Ukanwa, A. E. , Obikaonu, H. O.** (Nigeria) - Blood characteristics of adult rabbit bucks fed *Dialium guineense* leaf meal.
- Knudsen C., Gidenne T., Cauquil L., Pascal G., Briens C., Duperray J., Rebours G., Salaün J.M., Travel A., Weissman D., Combes S.** (France) - Both quantitative and energetic intake levels affect caecal microbiota composition and activity in the growing rabbit.
- Kuang Liangde, Min Lei, Li Congyan , Guo Zhiqiang, Ren Yongjun, Zhang Xiangyu, Zheng Jie, Zhang Cuixia, Yang Chao, Mei Xiuli, Tang Li, Ji Yang, Deng Xiaodong, Yang Rui, Xie Xiaohong** (China) – Whole transcriptome sequencing reveals non-coding RNAs related to embryo morphogenesis and development in rabbit.
- Li Yanhong, Gan Mingchuan, Li Qinlin, Wu Xuemei, Wang Jie, Jia Xianbo, Chen Shi-Yi, Lai Song-Jia** (China) - Morphological characteristics of adipose cells in liver tissues of tianfu black rabbits.
- Liu Gongyan, Sun Haitao, Gao Shuxia, Bai Liya, Jiang Wenxue, Li Fuchang** (China) - Effects of dietary vitamin B6 on skeletal muscle protein metabolism of growing rabbits..
- Liu H, Li F., Liu L.** (China) - The effect of glucocorticoids on the gene expression of nutrient transporter in different rabbit intestinal segments.
- Mattioli S., Cartoni Mancinelli A., Cotozzolo E., Mancini S. Castellini C., Dal Bosco A.** (Italy) - Comparison of an estimated index of fatty acid metabolism and liver  $\Delta 6$ -desaturase activity in rabbit.
- Minuti A., Uboldi O., Gallo A., Lopreiato V., Bruschi S. Piccioli-Cappelli F., Ferrari A., Lovotti G. , Gachiuta O., Trevisi E.** (Italy) - Effect of litter size on plasma amino acids in prepartum rabbit does.
- Moumen S., Daoudi-Zerouki N., Bouchareb C., Adjroud H.** (Algeria) - Serum biochemical profile of rabbit does of Algerian local population (Aurees region) at different physiological stage.
- Mussard Eloïse, Combes Sylvie, Helies Virginie, Aymard Patrick, Beaumont Martin** (France) - Development of a rabbit caecum organoid model: an innovative *in vitro* tool to study absorptive and barrier functions of epithelial cells.
- Mutwedu V.B., Nyongesa A.W., Oduma J.A., Kitaa J.M., Mbaria J.M.** (Republic of the Congo) - Effect of different ranges of temperature exposition on oxidative stress and biochemical parameters in nulliparous rabbit does.
- Paës C., Gidenne T., Barilly C., Bébin K., Duperray J., Gohier C., Guené-Grand E., Rebours G., Aymard P., Beaumont M., Combes S.** (France) - Stimulation of early solid feed ingestion in the nest accelerates the maturation of the rabbits caecal microbiota.

- Popoola M.A., Oseni S.O., Ajayi B.A.** (Nigeria) - Evaluation of thermoregulatory mechanisms for heat tolerance of heterogeneous rabbit population raised in Nigeria.
- Settar A., Khaldoun Oularbi H., Tarzaali D., Mekhalidi F.** (Algeria) - Ameliorative effect of vitamins A, E, D & C on ampligo a synthetic insecticide inducing toxicity on rabbit adrenal gland.
- Settar A, Guedes C.M., Almeida, M., Mourão L.M., Pinheiro V.** (Algeria) - Prediction of rabbit body fat deposits from perirenal fat measurements obtained with real-time ultrasonography.
- Song B., Zhao J.P., Ren Z.J.** (China) - The differences of caecal communities in rabbits and hares.
- Tlili Thiziri, Aroun Rabiha , Benamara Liza, Khaldoun-Oularbi Hassina, Daoudi Zerrouki Nacira** (Algeria) - Study of the histofunctional characteristics of the ovarian structures of rabbits of the synthetic strain in the state of pregnancy.
- Velasco-Galilea M., Piles M., Viñas M., Rafel O., Ramayo-Caldas Y., González-Rodríguez O., Guivernau M., Sánchez J.P.** (Spain) Prediction of growth and feed efficiency performances in growing rabbits from their gut microbiota.
- Wang C., Wang P., Yang W., Liu Q., Li F.** (China) - Effect of deoxynivalenol on the expression and distribution of ERK and JNK in liver and kidney of weaned rabbits, by immunohistochemistry method.
- Zhang Bin, Shen Lei, Liu Lei, Li Fuchang** (China) - Effects of different iodine contents in diets on growth and development of growing Rex rabbits.
- Zhang Xiangyu, Li Congyan, Kuang Liangde, Zhen Jie, Zhang Cuixia, Yang Chao, Ren Yongjun, Guo Zhiqiang, Yang Rui, Tang Li, Ji Yang, Lei Min, Mei Xiuli, Huang Dengpin, Xie Xiaohong** (China) - Solexa sequencing and bioinformatics analysis on micro-RNA from the rabbit muscle .
- Zubiri-Gaitán A., Martínez-Álvaro M., Ccalta R., Satué K., Blasco A., Hernández, P.** (Spain) - Correlated response to selection for intramuscular fat on the liver fat and its fatty acid profile.

[Go to the general list](#)

## Session BREEDING & GENETICS

*Invited paper*

**García M.L, Gunia M., Argente M.J.** (Spain) - Genetic factors of functional traits.

*Short communications*

**Ács V., Nagy I.** (Hungary) - Inbreeding aspects in rabbit breeding

**Agea I. , Muelas R. , García ML. , Hernández P. , Santacreu M.A. , Armero E. , Blasco A. , Argente M.J.** (Spain) - Correlated response in plasma fatty acids profile in rabbits selected for environmental sensitivity.

**Bovo S. , Schiavo G. , Utzeri V.J. , Ribani A. , Schiavitto M. , Negrini R. , Fontanesi L.** (Italy) - Population genomic analyses of several commercial and fancy rabbit breeds.

**Casto-Rebollo C., Argente M.J., Garcia M.L., Blasco A., Ibáñez-Escriche N.** (Spain) - Immunological genes selected for environmental variance could control the animal resilience.

**Demars J., Labrune Y. , Iannuccelli N. , Aymard P. , Benitez F. , Leroux S. , Gilbert H. , Riquet J.** (France) - Deciphering the molecular architecture of the coat colour variability in a European rabbit population.

**Eiben Cs., Mészáros M. , Gulyás B. , Végi B. , Drobnyák Á. , Barna J. , Molnár T.1 Szalay I.T. , Liptói K.** (Hungary) - Conservation and performance of the native Hungarian Giant rabbit breed.

**Garreau H., Labrune Y., Chapuis H. , Ruesche J., Riquet J., Demars J., Benitez F., Richard F., Drouilhet L., Zemb O., Gilbert H.** (France) - Genome wide association study of growth and feed efficiency traits in rabbits.

**Girardie O., Robert R. , Maupin M. , Hurtaud J. , Joly T , Ruesche J. , David I. , Garreau H. , Canario L.** (France) - Genetic trends in doe and kit behaviour and performances assessed with comparison of old and modern-type lines in a crossfostering design.

**Gunia M., Lantier F. , Bed'hom B. , Guitton E. , Helies V. , Helloin E. , Herbert C. , Maupin M. , Riou M. , Robert R., Shrestha M. , Garreau H.** (France) - Pasteurella multocida experimental infection 2): Genetic parameters.

- Iannucelli N. , Cabau C. , Sarry J. , Bouchez O. , Billon Y. , Riquet J. , Allain D. , Demars J.** (France) - Heterologous hybridization using the human exome - A molecular tool to target and identify major genes.
- Kasza R. , Matics Zs. , Gerencsér Zs. , Szendrő Zs., Nagy I. , Csóka Á. , Donkó. T.** (Hungary) - Connection between the computed tomography (CT) estimated total body fat content of rabbits at 10 weeks of age and before the first insemination.
- Khalil M. H., Iraqi M. M., Zaghloul A. R. , El Nagar A. G., Ramadan Sh. I.** (Egypt) - Molecular associations of GH gene genotypes with semen traits in rabbits.
- Laghouaouta H., Sosa-Madrid B.S., Zubiri-Gaitán A., Blasco A., Hernández P.** (Spain) - Genome-wide association study for fatty acid composition in rabbits.
- Machado L. C. , Faria C. G. S., Zeferino C. P., Castilha L. D., Silveira J. M. M., Silva V. G. P. , Pereira D. L.** (Brazil) - Productive performance and mortality in growing rabbits from different genotypes.
- Meléndez Torrès C.** (Venezuela) - Analysis of production parameters for selection of breeding rabbits.
- Nagy I., Farkas J., Atkári T., Kövér Gy.** (Hungary) - Estimating lethal equivalent of the Pannon White rabbit population applying generalised linear mixed models.
- Herbert C. , Yviquel J. , Flatres-Grall L., Pong-Wong R. , Lenoir G.** (France) - Optimal contribution selection in C line Hycole: prospect for genetic gain.
- Oseni, S.O., Bashiru, H.A., Atumah C.** (Nigeria) - On-farm phenotypic characterization of heterogeneous rabbits for fertility and reproductive performance in south-western Nigeria.
- Piles M., Sánchez J. P. , Pascual M., Rodríguez-Ramilo S. T.** (Spain) - Inbreeding depression on growth and prolificacy traits.
- Piles M., Tusell I. , Velasco-Galilea M., Ballester M., Sánchez J.P.** (Spain) - A comparative study of support vector machine and GBLUP to predict average daily gain from single nucleotide polymorphisms
- Piles M., Tusell L., Velasco-Galilea M., Helies V., Drouilhet L. , Zemb O., Sánchez J.P., Garreau H.** (Spain) - Machine learning algorithms for the prediction of feed efficiency based on caecal microbiota.
- Savietto D., Debrusse A.M., Bonnemère J.M., Labatut D., Aymard P., Fortun-Lamothe L., Gunia M.** (France) - Characterization of the French rabbit breed Fauve-de-Bourgogne in an intensive system.
- Utzeri V.J., Ribani A., Fontanesi L.** (Italy) - Variability in the tyrosinase (TYR) gene (the albino locus) in domestic and wild rabbits.
- Zhang Kai, Fu Xiangchao, Liu Ning, Wen Bin, Xu Changwen, Du Dan, Yu Zhiju, Jian Wensu, Wang Ping, Guo Xiaolin, Wang Lihuan, Liu Hanzhong** (China) - Rex rabbit illumina sequencing and bioinformatics analysis on miRNA in testes
- Zubiri-Gaitán A., Martínez-Álvaro, M., Hernández P., Blasco A.** (Spain) - Correlated response to selection for intramuscular fat on the gut metagenomic profile.

[Go to the general list](#)

## Session ETHOLOGY & WELFARE

### *Invited paper*

**Rödel H.G.** (France) - Aspects of social behavior and reproduction in the wild rabbit – implications for rabbit breeding ?

### *Short communications*

**de Greef K.H., Rommers J.M.** (Pays-Bas) - The Dutch route to improve commercial rabbit welfare – rather collectively than by law enforcement.

**Dutra D., Villegas-Cayllahua E., Ferrari F., Costa M., Rein A., Silva A., Moraes P., Borba H.** (Brazil) - Cage floor enrichment contributes to physical and thermal comfort of fattening rabbits.

**Fetiveau M., Savietto D., Warin L., Pujol S., Gidenne T., Huang Y., Fortun-Lamothe L.** (France) - Outdoor access for growing rabbits: effect of stocking rate on behaviour and performance.

- Fortun-Lamothe L., Breda J., Savietto D., Aymard P., Combes S., Gidenne T., Warin L., Huang Y.** (France) - Space use and exploratory behaviour in growing rabbit housed in large partitioned pens.
- Gerencsér Zs., Farkas T.P., Nagy I., Odermatt M., Radnai I., Kasza R , Matics Zs., Szendrő Zs.** (Hungary) - Location preference of rabbit does in a pen system combining group and individual housing.
- Guené-Grand E., Davoust C., Launay C.** (France) - A new alternative outdoor housing method (Wellap®) for fattening rabbits: first results.
- Guené-Grand E., Davoust C., Launay C.** (France) - A new alternative outdoor housing method (Wellap®) for fattening rabbits: behavior and space use.
- Huang Y., Breda J., Savietto D., Debrusse A., Combes S., Gidenne T., Warin L., Fortun-Lamothe L.** (France) - Part-time grouping of rabbit does in enriched housing: effects on spatial position, performance and lesions.
- Huang Y., Breda J., Savietto D., Labatut D., Pujol S., Combes S., Gidenne T., Warin L., Fortun-Lamothe L.** (France) - Effect of housing and enrichment on behaviour and performance of growing and reproducing rabbits.
- Laclef E., Savietto D., Warin L., Huang Y., Bonnemère J.M., Combes S., Gidenne T., Fortun-Lamothe L.** (France) - Part-time group housing of familiar rabbit does in large partitioned space: effects on performance and behaviour.
- Pasqualin D., Zomeño C. Santagiuliana M., Dalla Costa A., Trocino A., Lavazza A., Dorigo F., Bonfanti L., Birolo M., Xiccato G., Menegon F., Di Martino G.** (Italy) - A protocol for measuring health and welfare of reproducing does and litters in rabbit farms.
- Ramón-Moragues A., Martínez-Paredes E., Villagrà A.** (Spain) - Differences in milk production and lactation-related behaviours in breeding does housed in individual enriched cages and part-time systems.
- Rommers J., de Greef K.** (Pays-Bas) - Are plastic mats effective for diminishing footpad lesions of rabbit does? – survey after 10 years in The Netherlands.
- Trocino A., Zomeño C., Birolo M., Pirrone F., Xiccato G.** (Italy) - Effect of grouping time and group stability on behavior and aggression among rabbit does in a part-time housing system.
- Van Damme L., Delezie E., Tuytens F. A. M., Maertens L.** (Belgium) - Advances in part-time group housing systems for does: an overview of reproductive performances .
- Villegas-Cayllahua E., Dutra D., Cavalcanti E., Fidelis H., Montanhim G., Silva A., Moraes P., Borba H.** (Brazil) - Assessment of stress during handling of commercial rabbits.
- Warin L., Mika A., Souchet C., Bouvarel I.** (France) - Feasibility and repeatability of the EBENE® welfare assessment measures for rabbits.

[Go to the general list](#)

## Session FARMING & ECONOMY

### *Invited paper*

**Wu L.P., Lukefahr S.D.** (China) - Rabbit meat trade of major countries: regional patterns and influencing factors.

### *Short communications*

**Arnau-Bonachera A., Blas E., Cervera C., Ródenas L , Martínez-Paredes E., Pascual J.J.** (Spain) - Towards a sustainable rabbit production system combining genetic type and weaning strategy.

**Birolo M., Trocino A., Zuffellato A., Xiccato G.** (Italy) - Performance, mortality and slaughter traits of group-housed rabbits submitted to different time-based feed restriction programs.

**Gerencsér Zs., Kasza R., Radnai I., Matics Zs., Dalle Zotte A., Cullere M., Szendrő Zs.** (Hungary) - Effects of hair shearing on production performance and carcass traits of growing rabbits in high ambient temperature.

**Gidenne T.** (France) - Feed intake regulation strategies for the growing rabbit: a 2005-2015 retrospective on economic and environmental impact in France.

**Goby J.P., Chevallier L., Gidenne T.** (France) - Organic rabbit pasturing: effect of grazing density on grass intake and growth of the rabbit.

- Huang Y., Gigou M., Goby J.P., Roinsard A., Savietto D., Gidenne T.** (France) - Digital breeding and assisted management in organic rabbit farming: the first results.
- Kadi S. A., Mouhous A., Djellal F., Dorbane Z., Hammouche A., Tabti L., Guermah H.** (Algeria) - Factors influencing rabbit meat consumption among students in Tizi-Ouzou University, Algeria.
- Li D. Y., Wu L.P.** (China) - Analysis of the competitiveness of Chinese rabbit industry.
- Mouhous A., Guermah H., Djellal F., Kadi S. A.** (Algeria) - Sustainability and profitability of commercial rabbitries in Tizi-Ouzou, Algeria
- Nate J.A., Natividad E.D.C., Lavarias J.A., Gavino R.B., Castillo C.C.** (Philippines) - Optimization of biofeed plan and space requirement for rabbit (*Oryctolagus cuniculus* L.).
- Ogah D. M., Gambo D.** (Nigeria) - Performance characteristics and trait preference among smallholder rabbit farmers around Jos, Nigeria.
- Orheruata, A. M., Aduba, P., Afam, N., Bello-Onaghise, G., Nwosu, I. C.** (Nigeria) - Performance of New Zealand rabbits raised in steel and wooden hutches in the humid tropic of southern Nigeria.
- Pascual M., Martin E., Fabre C., Garreau H., Gilbert H., Piles M. Sánchez M., Sánchez J.P.** (Spain) - Is feed restriction an alternative to the use of antibiotics in non controlled environment farms?.
- Paul A., Johnson J., Lallo C.** (Trinidad & Tobago) - The effects of stocking rate on growth performance and welfare of the fattening rabbits when produced under humid tropical condition in Trinidad.
- Rebours G., Raffin J., Vastel P., Reys S.** (France) - Descriptive study of speed of fattening rabbit's daily feed intake in constant and progressive hourly feeding with two nutritional levels of feed.
- Rebours G., Raffin J., Vastel P., Reys S.** (France) - Effect of a progressive hourly feeding and nutritional level of feed on performance and feed cost of fattening rabbits.
- Saiz del Barrio A., Perea-Goya L., Martín-Chaves E., Alfonso-Carrillo C., Marco M., Fernández B., Terreros E., García-Ruiz A.I.** (Spain) - Evolution of growth performance and weight uniformity of growing rabbits under feed restriction.
- Schwarz J., Schädler J., Albini S., Peter-Egli J., Schüpbach G., Wiederkehr D.** (Switzerland) - Promoting rabbit health and welfare by collection and establishment of reliable health and performance data in the two major Swiss meat rabbit integrations.
- Silva K.G., Sotomaior C.S.** (Brazil) - Housing conditions of growing rabbits in Brazil.
- Silva S.R., Guedes C.M., Almeida, M., Pinheiro V.** (Portugal) - Use of infrared thermography images to predict live weight of growing rabbits.
- Zhang M. Y., Wu L. P.** (China) - Consumer demand for rabbit meat in urban China:2011-2018.
- Zhang Shunli, Zhu J.F.** (China) - Cost and benefit analysis of meat rabbit breeding based on 2018 national survey data of 13 provinces [of China].

[Go to the general list](#)

## Session NUTRITION & FEEDING

### *Invited paper*

- Martínez-Paredes E., Nicodemus N., Pascual J.J., García J.** (Spain) - Challenges in rabbit does feeding, including the young doe.

### *Short communications*

- Abdel-Khalek A.M., Basyony M.M.** (Egypt) - Response to by-pass soybean meal in growing rabbit diet.
- Adetola O.O., Odetola O. O., Saka A.A., Adetayo, T.O., Jinad, M.O.** (Nigeria) - Effect of feeding varying levels of wild sunflower (*Tithonia diversifolia*) leaf-blood meal mixture on nutrient digestibility and growth response of weaner rabbits.
- Alves R., Ribeiro D.M., Martins C., Pinho M., Freire J.P.B., Falcão-e-Cunha L.** (Portugal) - Alternative feeds for the growing rabbit: carrot roots. Effect on performance and digestion.
- Atkári T., Jós D., Gerencsér Zs., Nagy I.** (Hungary) - Using a mixture of red clover and bird's-foot trefoil in diets for growing rabbits.
- Ayandiran S.K., Odeyinka S.M., Odedire J.A., Adedokun M.A., Adekunle I., Makinde S., Ayantoro I.T., Fakunle E.A, Akinloye A.O.** (Nigeria) - Performance and digestion of weaner rabbits fed sorghum brewers dried grain (SBDG) as replacement for maize.

- Boudour Khedidja , Daoudi-Zerrouki Nacira, Lankri Elhassen, Aichouni Ahmed** (Algeria) - Effect of incorporation of *Malva sylvestris* powder in rabbit diets on zootechnical and blood parameters.
- Chen J., Wang J., Li F.** (China) - Effects of dietary iron levels on growth performance and iron metabolism-related genes expression in growing Rex rabbits.
- Colin M., Prigent A.Y., Van Lissum M.** (France) - Effects of a fermented product of *Saccharomyces cerevisiae* on growth, health and mortality of rabbits at two different slaughtering ages.
- Craveiro J.M.S., Madeira A.S., Nicolau J.T.S., Souza J.H.A., Ribeiro L.B., Castilha L.D.** (Brazil) - Performance and blood parameters of rabbits fed diets containing decreasing levels of alfalfa hay.
- De Oliveira F., Rani Z. T, Stuart J., Gous R. M.** (South Africa) - Effect of non-conventional and pelleted feed on Californian rabbit growth performance in South Africa.
- Dorbane Z., Kadi S.A., Boudouma D., Bannelier C., Berchiche M., Gidenne T.** (Algeria) - Nutritive value of holm oak (*Quercus ilex*) acorn for growing rabbits.
- Farias-Kovac C., Simbaña F., Reyes M., Ávila A.B., Carabaño R., Nicodemus N., García J.** (Spain) - Effect of cellobiose supplementation in drinking water and feed restriction on apparent faecal digestibility and growth performance in rabbits.
- Farias-Kovac C., Simbaña F., Reyes M., Avila A.B., Nicodemus N., Carabaño R., García J.** (Spain) - Effect of cellobiose supplementation in drinking water and feed restriction on energy and nitrogen retention efficiency in growing rabbits.
- Farias-Kovac C., Simbaña F., Reyes M., Carabaño R., Nicodemus N., García J.** (Spain) - Effect of xylooligosaccharides supplementation in drinking water and feed restriction on faecal digestibility, growth traits and energy and nitrogen retention efficiency in growing rabbits.
- Gayrard C., Bretaudeau A., Gombault P., Hoste H., Gidenne T.** (France) - Effects of dehydrated sainfoin in rabbit diet on the performance of does and growing rabbits.
- Gohier C., Menini F.X., Bourdillon A.** (France) - Effect of a feed supplemented with Cunidigest® on fattening rabbit performances.
- Gonçalves C., Della Badia A., Martínez-Paredes E., Ródenas L., Blas E., Pascual J.J.** (Spain) - Fitting digestible protein to digestible energy ratio in growing rabbits selected by growth rate.
- Guené-Grand E., Davoust C., Poisson A., Launay C.** (France) - Impact of the access time to the feeder before weaning on the growth performance of rabbits raised in litters of 11 kits by multiparous rabbit does.
- Guermah H., Maertens L** (Algeria) - Nutritive value of dehydrated chicory pulp for fattening rabbits.
- Harouz-Cherifi Z., Kadi S.A., Mouhous A., Bannelier C., Berchiche M., Gidenne T.** (Algeria) - Effect of increasing level of brewer's grain in diet of rabbits on growth and carcass traits.
- Hernández M., Nouel-Borges G., Sánchez-Blanco R.** (Venezuela) - Inclusion of *Prosopis juliflora* pods preserved in sugar cane molasses and *leucaena* leaves in rabbits diets.
- Kouadio Kouakou Serge , Yapi Yapo Magloire , Kimse Moussa , Alla Konan Jean Bédel , Sangare Sidiki , Gidenne Thierry, Wandan Eboua Narcisse** (Côte d'Ivoire) - Effects of sun-dried stylo hay (*Stylosanthes guianensis* cv ciat 184) on rabbits growth and slaughter performance.
- Lebas F.** (France) - Bentonite in rabbit feeding – a short review.
- Li Fan, Li Fuchang** (China) - Effect of dietary copper supplementation on growth performance and antioxidant activity in Rex rabbits .
- Liu Tingting, Cao Ningkun, Xia Xueru, Cui Jia, Chang Xingfa, Wei Yuchao, Sun Lei, Li Nan, Chen Baojiang** (China) - Effects of different starch sources on endogenous nitrogen and energy losses in meat and wool rabbits.
- Malabous A., Robert D., Barotin.L., Prigent A.Y. Van Lissum M., Colin M.** (France) - Influence of metabolites derived from the fermentation of 2 strains of *Lactobacilli* distributed only in maternity on the reproductive and the total performances of rabbits (maternity, growing fattening, slaughtering).
- Martins C. F., Bandarrinha J., Alves S. P. Ribeiro D. M., Bessa R. J. B. , Freire J. P. B., Falcão e Cunha L.** (Portugal) - Effect of dietary incorporation of microalga (*Nannochloropsis oceanica*) on growth, nutrient digestibility and meat quality in growing rabbits.
- Matics Zs., Szendrő Zs., Kasza R., Radnai I., Ács V., Dalle Zotte A., Cullere M., Singh Y., Gerencsér Zs.** (Hungary) - Effect of silkworm (*Bombyx mori*) oil dietary inclusion on live performance and carcass traits of growing rabbits.

- Menini F.X., Gohier C., Bourdillon A., Leroy G.** (France] - Effect of the monopropylene glycol addition in drinking water at different periods during maternity period on the performance of rabbit does and kits.
- Nursita I.W., Cholis N.** (Indonesia) - The effect of complete feed substitution with kelor (*Moringa oleifera*) dried leaves on the physiological and production performance of male weaned crossed New Zealand White rabbits.
- Ojebiyi O.O., Ajala A.A., Amisu R.O. Bakare A.M., Festus G.N.** (Nigeria) - Replacement of dietary grain by biscuit dough meal on performance and carcass traits of growing rabbits
- Oliveira T.C., Nicolau J.T.S., Souza J.H.A., Leite S.M., Ribeiro L.B., Castilha L.D.1.** (Brazil) - Effect of physical form of diet and feeder type on performance of growing rabbits.
- Paës C., Gidenne T., Bannelier C., Bébin K., Duperray J., Gohier C., Guené-Grand E., Rebours G., Aymard P., Combes S.** (France) - Suckling rabbit digestibility: effect of the age at introduction of a starter feed.
- Parra-Almao J., Nouel-Borges G., Sánchez-Blanco R.** (Venezuela) - Effects of sugar cane molasses, rice bran and *Leucaena leucocephala* leaves on digestibility and performance of growing rabbits.
- Prado Y.M., Martínez-Paredes E., López-Luján M.C, Ródenas L., Blas E.** (Spain) - Digestibility in lactating rabbit does and growing rabbit: a comparative study.
- Raffin J., Rebours G., Vastel P., Reys S.** (France) - Effect of the dietary ratio between digestible and indigestible fibres on the digestive health and performances of fattening rabbits.
- Ribeiro D.M., Martins C., Pinho M., Freire J.P., Falcão-e-Cunha L.** (Portugal) - Effect of using carob pulp in growing rabbit diets on performance, digestibility, intestinal morphology and caecal parameters.
- Saidj D., Ainbaziz H., Dahmani Y., Iles I., Kadi S.A., Hornick J.L., Moula N.** (Algeria) - Effect of dietary protein level on milk production of Algerian local rabbit does.
- Sangare S., Kimse M., Bléyééré M. N., Yapi J. N.** (Côte d'Ivoire) - Effect of spirulina (*Spirulina platensis*) on growth performance and rabbit health (*Oryctolagus cuniculus*).
- Santinoni J.T., Miranda V.M.M.C., Angelo S.S., Souza J.H.A., Ribeiro L.B., Castilha L.D.** (Brazil) - Performance and organ weights of growing rabbits fed diets with extruded broken beans at various levels.
- Singh Y., Cullere M., Gerencsér Zs., Matics Zs., Cappelozza S., Dalle Zotte A.** (Italy) - Effect of dietary replacement of sunflower oil with silkworm (*Bombyx mori* L.) oil on the total tract apparent digestibility and nutritive value in growing rabbits.
- Xiccato G., Birolo M., Pascual Guzman Á., Bordignon F., Trocino A.** (Italy) - Effect of dietary supplementation with chestnut and grape pomace extracts on growth performance, nutrient digestibility and meat quality of rabbits.
- Younan G.E., Morsy W.A., Mohamed Manal S., El-Gabry Hoda E.** (Egypt) - Effect of dietary supplementation of olive leaf and/or guava leaf extracts on growth performance and some blood parameters of growing rabbits.

[Go to the general list](#)

## OPEN Session

Short communications

- Adeoye , A.A. , Udoh J.E.** (Nigeria) - Morphometric traits in American Standard Chinchilla rabbits.
- Amroun Thilali, Daoudi-Zerrouki Nacira, Martin Patrice, Miranda Guy , Charlier Madia.** (Algeria) - Impact of milk composition on neonatal mortality in two strains of rabbits, the white population and the synthetic strain in Algeria.
- Boucher S., Nicolier A, Tatone F., Sauvaget S.** (France) - Regarding a case of blue coloration on meat rabbit carcasses.
- Boucher S., Carneiro M., Vieillard J.** (France) - The Alfort jumper rabbit: review of the scientific works conducted from 1935 to 2019.
- González-Redondo P., Finzi A.** (Spain) - Efficiency of the rabbit underground cell keeping system in maintaining good thermal regime under cold weather conditions.



- Lukefahr S.D., Oseni S.O.** (USA) - Vertical rabbit farming integrative systems for cities: models and opportunities – A bibliographic review.
- Oseni S. O., Lukefahr S. D.** (Nigeria) - Rabbit data for development (RD4D): concept, processes, outcomes.
- Oyedele O. J., Odeyinka S. M., Oyebanji . B. O.** (Nigeria) - The haematological and biochemical parameters of rabbits fed with *Moringa oleifera* Lam. based diets.
- Quagliariello G., Lafalla L.** (Argentina) - Importance of the contribution of rabbit meat in the diet of families in vulnerable conditions, in departments of northeastern Mendoza, Argentina.
- Rotimi E. A.** (Nigeria) - Evaluation of body weight and morphometric traits of New Zealand rabbits breed raised under semi-arid condition in Nigeria.
- Sánchez J.P., Perucho O., Pascual M., Rafel O., Piles M.** (Spain) - Electronic feeder to record individual feed intake on rabbits raised in collective cages.
- Sangare S., Kimsé M., Bléyééré M. N., Yapi J. N. (Côte d'Ivoire)** - Typology of rabbit farmers in the district of Abidjan and the regions of south Comoé and Mé.
- Szendró K., Szabó-Szentgróti E., Szigeti O.** (Hungary) – Consumers motivation for (not) choosing rabbit meat - A global view -
- Youssef Y. M. K., Emam A.M, Abou Khadiga G.** (Egypt) - Rabbit breeding situation in Egypt- a case study.

[Go to the general list](#)

## Session PHATHOLOGY & HYGIENE

### Invited paper

**Capucci Lorenzo, Cavadini Patrizia, Lavazza Antonio** (Italy) - Viral haemorrhagic disease: RHDV type 2, ten years later.

### Short communications

- Abodalal Samah E.A., Tahoon A. Y.** (Egypt) - Development and production of a novel bivalent inactivated rabbit haemorrhagic disease virus (RHDV) vaccine.
- Arts H.T., Arts B.** (The Netherlands) - *Lawsonia* bacteria, an unknown pathogen, newly discovered as pathogen in rabbit farms.
- Arts H.T., Arts B., Rommers J.** (The Netherlands) - Rabbit haemorrhagic disease virus type 2 (RHDV-2) in The Netherlands and Germany: clinical and epidemiological findings.
- Atkinson A., Espinosa-Ayala E., Hernández P.A., Le Roux J.F, Mendoza G.D., Pulido-Huertas S., Velázquez-Cruz A.L., Prigent A.Y., Colin M.** (France) - Effect of a polyherbal mixture of *Saccharum officinarum* and of *Acacia concinna* on the oocystal excretion, zootechnical performance and meat quality of growing rabbits.
- Baratelli M., Molist-Badiola J., Puigredon-Fontanet A., Pascual M., Boix O., Mora-Igual F.X., Woodward M., Lavazza A., Capucci L.** (Spain) - Characterization of the maternal derived antibody immunity against RHDV-2 after administration in breeding does of an inactivated vaccine.
- Bautista-Gómez L.G., Martínez-Castañeda J.S., Reynoso-Utrera E., Jiménez- Ramos A., López Aguado-Almazán G., Trejo-Huitrón G., Rodríguez-Villavicencio V., Aguilar-Gutiérrez M.** (Mexico) - Molecular identification of pathogens in the enteric syndrome in rabbits from Mexico.
- Belloumi D., Argente M.J., García M.L., Blasco A., Santacreu M.A.** (Spain) - Study of biomarkers of disease sensitivity in a robust and a standard maternal line.
- Ben Chehida Faten, Ben Salem Ameni, Daboussi Imen, Sghaier Soufien, Kalthoum Sana, Attia-El Hili Hédia** (Tunisia) - Characterization of rabbit farms in Tunisia and retrospective epidemiological studies on RHDV-2.
- Bokreta S., Khaldoun H., Makhlof C., Daoudi-Zerrouki N.** (Algeria) - The possible alleviating effect of *Thymus vulgaris* essential oil against Voliam Targo® induced cardiotoxicity in rabbits of a local population (*Oryctolagus cuniculus*).
- Brunetta R., Mazzolini E., Bacchin C., Bosco N., Bravo A., Ferro T., Guolo A., Rizzardi A., Agnoletti F.** (Italy) - Reducing antimicrobial consumption in rabbit farming is feasible: the state of play in Italy.
- Cavadini P. , Campisi G. , Vismara A. , Lavazza A., Capucci L.** (Italy) - Study of genetic evolution of RHDV-2 in Italy from 2011 to 2019.

- Chen Meng-meng, Fan Zhi-yu, Qiu Ru-long, Hu Bo, Wei Hou-jun, Song Yan-hua, Zhu Wei-feng, Xue Jia-bin, Wang Fang** (China) - Clinical diagnosis of rabbit oral squamous cell carcinoma.
- Circella E., Camarda A., Schiavone A., Romito D., Schiavitto M., Casalino G., Belloli C.** (Italy) - Minimal inhibitory and mutant prevention concentrations of enrofloxacin for *Pasteurella multocida* from rabbits affected by pasteurellosis.
- Cornaggia M., Palazzolo L., Di Castri A., Vascellari M., Tonon E., Viel L., Bano L.** (Italy) - Histological and immunohistochemical features of dysautonomia in commercial rabbits affected by intestinal disorders.
- Dakouri S. A., Kimsé M., Koné M. W., Touré A., Komoin O. C.** (Côte d'Ivoire)- Seasonal evolution of coccidial infection in domestic rabbits in Abidjan district, Cote d'Ivoire.
- Dakouri S. A, Kimsé M., Koné M. W., Komoin O. C., Touré Alassane** (Côte d'Ivoire) – Effect of *Ficus exasperata*, *Azadirachta indica* and *Mangifera indica* leaves on oocystal coccidia excretion and on rabbit growth
- Dakouri S. A. , Kimsé M., Koné M. W., Touré Alassane , Yapi Y..M., Komoin O. C.** (Cote d'Ivoire) - Rabbits gastro-intestinal and external parasites in Ivorian improved system.
- Di Castri A., Cornaggia M., Palazzolo L., Rizzardi A., Bottin S., Viel L., Foiani G., Vascellari M., Bano L.** (Italy) - Occurrence of tympanic bullae empyema in commercial rabbits.
- Garreau H., Lantier F., Bed'hom B., Guitton E., Helies V., Helloin E., Herbert C., Maupin M., Robert R., Gunia M.** (France) - *Pasteurella multocida* experimental infection 3): relationship between resistance to diseases and production traits in rabbits raised in commercial farms.
- Georgieva T. M., Penchev I., Petrov V., Marutsova V.** (Bulgaria) - Effect of the *Staphylococcus aureus* infection on the calcium, phosphorus and iron level in rabbits.
- Guichard P., Bordas A., Moreac T., Chevance A., Blot J., Travel A., Hemonic A., Le Normand B., Liber M., Leorat J., Verdon J., Hurtaud-Pessel D., Orand J.P., Amar H., Maris P., Baduel L., Mompelat S.** (France) - Impact of disinfectant water treatment for pigs, poultry and rabbits on the stability of antibiotics.
- Gunia M., Lantier F., Bed'hom B., Guitton E., Helies V., Helloin E., Herbert C., Maupin M., Riou M., Robert R., Garreau H.** (France) - *Pasteurella multocida* experimental infection 1): resistance and hematological response.
- Hu Bo, Fan Zhiyu , Wei Houjun , Chen Mengmeng , Qiu Rulong , Song Yanhua , Zhu Weifeng , Xu Weizhong , Xue Jiabin , Wang Fang** (China) - Emergence of rabbit hemorrhagic disease virus *RHDV-2* in China.
- Huneau-Salaün A., Guillou-Cloarec C., Thomas R., Le Maître E., Lopez S., Nouvel L., Le Gall-Reculé G., Le Bouquin S.** (France) - Evaluation of cleaning and disinfection procedures in rabbit farms affected by rabbit haemorrhagic disease, in France.
- Legendre H., Goby J.P., Le Stum J., Hoste H., Cabaret J., Gidenne T.** - Organic rabbit farming: should we be afraid of gastro-intestinal parasites?. [P-24](#)
- Liu Y., Wei Q., Xiao C.W., Ji Q.A., Huang Y.E., Bao G L.** (China) - Immune efficacy of inactivated *Bordetella bronchiseptica* vaccine in rabbits.
- Makhlouf C., Khaldoun-Oularbi H., Zerrouk N.H., Bokreta S., Oularbi Y., Tlili T., Aroun R., Daoudi-Zerrouki N.** (Algeria) - Beneficial effects of ascorbic acid against nephrotoxicity induced by ivermectin repeated highdose therapy in rabbits (*Oryctolagus cuniculus*).
- Montbrau C., Gascon S., Ruiz M.C.** (Spain) - Efficacy of ERAVAC® against a heterologous challenge with a virulent RHDV-2 strain in the presence and/or absence of maternal derived antibodies.
- Moreno-Grúa Elena, Pérez-Fuentes Sara, Muñoz-Silvestre Asunción, Viana David, Selva Laura, Pascual Juan J., Arnau-Bonachera Alberto, Corpa Juan M.** (Spain) - Effect of selection for growth rate on macroscopic lesions after intradermal skin infections with *Staphylococcus aureus*.
- Patinha S., Pinheiro V., Soares A.S., Dias S., Fraga M.F., Matos M., Venâncio C.A., Coelho A.C.** (Portugal) - Occurrence of dermatophytes in captive wild rabbits without clinical signs.
- Pellicciotti S., Accurso D., Lavazza A., Mula P., Bravaccini P., Dorigo F.** (Italy) - Evaluation of the persistence of antibiotics residues in drinking water distribution system after static and dynamic washing.
- Pérez-Fuentes S., Moreno-Grua E. Viana D., Corpa J.M. , Selva L. (Spain)** - Genetic analysis of methicillin-resistant *Staphylococcus aureus* strains isolated from rabbits. Preliminary results.

- Rodríguez V., Bautista L.** (Mexico) - Isolation of *Fusobacterium necrophorum* and *Pasteurella multocida* in rabbits from México.
- Rosell J.M., de la Fuente L.F. Badiola, J.I., Fernández de Luco, D., Casal, J.** (Spain) - Rhinitis in does: prevalence and seasonal effect.
- Sánchez-Matamoros A., Woodward M., Navas E., Boix O., Valls L.** (Spain) - Effect of vaccination on protection against RHDV-2 and viral load.
- Vastel P., Rebours G., Le Normand B., Chatellier S., Capucci L.** (France) - Concentration of antibodies and immunoglobulins in does and their offspring vaccinated against RHDV-2.
- Vereecken Monita, Willems Jan, de Vries Selinde, De Gussem Koen** (Belgium) - Field study on the control of coccidiosis in rabbits housed in park systems.
- Wei Qiang, Xiao Chen-Wen, Huang Ye-e, Li Ke, Ji Quan-An, Liu Yan, Bao Guo-Lian** (China) - Establishment of infection model of pathogenic *Escherichia coli* in rabbits by oral administration.
- Wei Qiang, Qian Wei, Xiao Chenwen, Liu Yan, Ji Quan'an, Huang Ye'e, Li Ke, Bao Guolian** (China) - Establishment of pathogenesis model of *Bordetella bronchiseptica* in rabbits.
- Wołacewicz M., Hryniewicz R., Niedźwiedzka-Rystwej P.** (Poland) - Preliminary studies on defensins expression in liver of rabbits experimentally infected with *Lagovirus europeus* [RHDV] GI.1 and GI.1a.

[Go to the general list](#)

## Session QUALITY of PRODUCTS

### Invited paper

**Leroy F., Petracci M.** (Belgium) - Rabbit meat: a valuable source of nutrition or too-cute-to-eat?

### Short communications

- Abdel-Khalek A.M., Basyony M.M., Hassan A.A.** (Egypt) - Response to dietary supplementation with turmeric (*Curcuma longa*) powder on growth performance and meat quality of rabbits.
- Ajayi B., Osunkeye O., Daramola G., Owofadeju, O.** (Nigeria) - Nutritional composition and mineral profile of fresh meat from heterogeneous rabbit population raised under small-holder units in southwestern Nigeria.
- Almeida M., Silva S., Garcia-Santos S., Guedes C.M., Ferreira L.M., Dominguez R., Trindade H., Lorenzo J.M., Pinheiro V.** (Portugal) - Effect of total replacement of soybean meal by lupine seeds (*L. albus* and *L. luteus*) on carcass characteristics and meat fatty acids composition of growing rabbits.
- Basyony M.M., Abdel-Khalek A.M. Hassan A.A.** (Egypt) - Response to dietary supplementation with *Artemisia annua* powder on growth performance and meat quality of rabbits.
- Benabdelaziz T., Harouz-Cherifi Z., Kadi S. A.** (Algeria) - Adiposity assessment of rabbit carcasses produced in the Algerian local conditions of production.
- Bouzaida M.D.E., Resconi V.C., Romero J.V., Gimeno D., Olleta J.L., Miranda-de la Lama G.C., Asenjo B., María G.A.** (Spain) - Can the inclusion of pomegranate pomace in rabbits diets improve the fatty acid profile of their meat?.
- Chodová D., Tůmová E., Volek Z.** (Czech republic)- The effect of beginning of feed restriction on basic carcass characteristics and meat quality in broiler rabbits.
- Colin M., Lebas F., Delarue J., Caillaud L., Van Lissum M., Prigent A.Y.** (France) - Meat from rabbits fed vegetable DHA can be an important part of a DHA-oriented human diet.
- Cullere M., Szendrő Zs., Kasza R., Gerencsér, Zs., Dalle Zotte A.** (Italy) - Impact of heat stress on the meat quality of rabbits divergently selected for total body fat content.
- Dalle Zotte A., Szendrő Zs., Kasza R., Matics Zs., Cullere M.** (Italy) - Rabbit divergent selection for total body fat content: effect on proximate composition and fatty acid profile of meat.
- Kouakou D., Angbo-Kouakou E., Ahongo D., Assidjo E.** (Côte d'Ivoire) - Rabbit meat (*Oryctolagus cuniculus* L.) enriched in omega-3 by a diet containing euphorbia (*Euphorbia heterophylla* L.).
- Laghouaouta H., Zubiri-Gaitán A., Sosa-Madrid B.S., Blasco A., Hernández P.** (Spain) - Changes in fatty acid composition due to selection for intramuscular fat.

- Lebas F. , Colin M., Delarue J., Caillaud L., Van Lissum M., Prigent A.Y.** (France) - Rabbit is particularly interesting to deposit DHA in its meat, without effects on meat's organoleptic quality – a review.
- Luis-Chincoya H. , Herrera-Haro J. G., Pró-Martínez A., Santacruz-Varela A., Jerez-Salas M. P.** (Mexico) - The effect of dietary supplementation zinc source and level on growing performance, mineral deposition and meat quality.
- Mancini S., Mattioli S., Dal Bosco A., Paci G.** (Italy) - Effects of garlic powder and salt as ingredients in rabbit meat burgers.
- María Gustavo A., Resconi Virginia , Bouzaida Mohamed , Fernández-Bautista Michel , Olleta José L. , Asenjo Begoña , Vieira Romero Jakeline , Miranda-de la Lama Genaro** (Spain) - Use of non-medicated feed with the addition of pomegranate by-products in commercial rabbit fattening.
- Matics Zs., Szendrő Zs., Dalle Zotte A., Cullere M., Radnai I., Kasza R., Gerencsér Zs.** (Hungary) - Production performance and carcass traits of three rabbit breeds reared at different temperatures.
- Ribeiro J., Andrade E., Monteiro D., Pinheiro V.** (Portugal) - Effect of a feed restriction and gender on the performance and characteristics of the rabbit carcass in the fattening period.
- Soglia F., Baldi G., Petracci M.** (Italy) - Relationship between protein and lipid oxidation in rabbit hind leg meat.
- Tůmová, E. , Chodová, D., Volek, Z., Ketta, M., Hašek, K.** (Czech Republic)- Carcass yield and meat quality of restricted and *ad libitum* fed slow- and fast- growing rabbits.

[Go to the general list](#)

## Session REPRODUCTION

### *Invited paper*

**Mattioli S., Maranesi M., Castellini C., Dal Bosco A., Arias-Alvarez M., Lorenzo P.L., Rebollar P.G., Garcia-Garcia R.M.** (Italy) - Physiology and modulation factors of ovulation in rabbit reproduction management (Invited paper).

### *Short communications*

- Ajao B. H., Ola S. I.** (Nigeria) - Thermoregulatory and semen quality responses of rabbit bucks to spice-supplemented diets under the tropical environment.
- Anoh K. U.** (Nigeria) - The influence of organic and synthetic antioxidant on the reproductive performance of heat stressed rabbit under tropical condition of Nigeria.
- Bakeer R.M., Saleh Y.S., Gazia N.** (Egypt) – Focus on effect of pumpkin oil on endocrine and antioxidant level in rabbit.
- Basyony M.M., Abdel-Khalek A.M.** (Egypt) - *Vitex agnus-castus* leaves extract improves hormonal activities of doe-rabbits and offspring performance.
- Basyony Mohamed M. , Abdel-Khalek A.M.** (Egypt) - Inclusion milk thistle (*Silybum marianum*) seed extract in does rabbits feed as antioxidants.
- Basyony Mohamed M.** (Egypt) - Improving reproductive buck rabbits by administrating citrus oil during summer condition.
- Cherfaoui-Yami D., Berchiche M., Lebas F.** (Algeria) - Influence of male on reproductive performance of Algerian local population rabbit.
- Eiben Cs., Sándor M., Sándor F., Mohaupt M., Kustos K.** (Hungary) - Effect of short fast-refeeding and light program on rabbit doe reproduction.
- García M.L., Peiró R., Agea I., Argente M.J.** (Spain) - Study of body condition, energy mobilization and leptin profile in reproductive females.
- Gerencsér Zs., Kasza R., Radnai I., Matics Zs., Dalle Zotte A., Cullere M., Szendrő Zs.** (Hungary) - Effect of drinking water cooling on the reproductive performance of rabbit does housed under high ambient temperature.
- Guillevic M., Minetto A., Prigent A. Y., Colin M.** (France) - Effects of the increase of the feed alpha-linolenic acid level on the performances of reproduction of the rabbit does.
- Kasza R., Szendrő Zs., Donkó T., Nagy I., Gerencsér Zs Radnai I, Dalle Zotte A., Cullere M., Matics Zs.** (Hungary) - Effects of different environmental temperatures on the reproductive performance of rabbit does divergently selected for total body fat content.

- Khaldoun Oularbi H., Makhlof C., Bokreta S., Settar A., Tarzali D., Zitouni G., Hamadou D., Kais S., Daoudi-Zerrouki N.** (Algeria) - Ampligo® insecticide induces injuries on the testes of rabbit *Oryctolagus cuniculus*: alleviating effects of vitamins C and E (ascorbate / $\alpha$ -tocopherol ).
- Machado L. C., Faria C. G. S., Zeferino C. P., Castilha L. D., Silveira J. M. M., Silva V. G. P., Pereira D. L.** (Brazil) - Productive, reproductive, behavioral and sanitary aspects of rabbit does from different genotypes.
- Nabi Ibrahim, Fatmi Sofiane, Iguer-Ouada Mokrane** (Algeria) - Interests to supplement tris-base extender with cholesterol /  $\alpha$ -tocopherol preloaded in cyclodextrins and vitamin-C to chill rabbit semen at 4°C.
- Rouillon C., Camugli S., Carion O., Echegaray A., Delhomme G., Schmitt E.** (France) - Development of a new antibiotic composition for a rabbit semen dilution medium (Galap®).
- Saad M.F., Younan G.E., Abd El-Atty H.K., Zeidan E., Seleem T.S.** (Egypt) - Effect of caffeine administration on milk yeild of doe rabbits.
- Savietto D., Debrusse A.M., Bonnemère J.M., Labatut D., Aymard P., Combes S., Fortun-Lamothe L., Gunia M.** (France) - Reproductive performance of a maternal rabbit cross: Fauve-de-Bourgogne x INRA-1777.
- Vasallo G.E., Sarduy Lucia., Herrera Magaly** (Cuba) - Effect of reproductive condition and season on productive performance of female rabbits.
- Villamayor P.R., Gullón J., Vilá M., Yáñez U., Aramburu O., Sánchez M., Sánchez-Quinteiro P., Martínez P., Quintela L.** (Spain) - Preliminary report of potential biostimulation methods based on chemical communication in rabbit doe reproduction.
- Wang Fupeng, Wu Yingjie, Qin Yinghe** (China) - Cryopreservation of rabbit sperm using dimethyl sulfoxide in combination with trehalose and hyaluronic acid.

[Go to the general list](#)

