11th edition of
POULTRY RESEARCH DAYS
25th & 26th MARCH 2015
TOURS - FRANCE

Two days dedicated to
scientific and technologic evolutions
in the Poultry industry
Wednesday 25th March 2015

8h00: REGISTRATION - WELCOMING COFEE

09h15: OPENING SPEECHES
François HOULLIER - INRA, Gilles SALVAT - ANSES and Anne RICHARD - ITAVI

ANIMATION: Philippe CHEMINEAU - INRA and François-Xavier SIMON - Agra Europe

10h00: The French poultry sector facing European and global competition: Recent dynamics and reasons for hope
Vincent CHATELLIER, Pascale MAGDELAINE and Gilles HUTTEPAIN

10h45: COFFEE BREAK

11h15: Change in poultry farming systems: how to overcome controversies
François PURSEIGLE, Isabelle LE BALLEUR, Laure BIGNON, Elsa DELANOUE, Catherine BEAUMONT, Christine LETERRIER, Claude AUBERT, Christine ROGUET and Isabelle BOUVAREL

11h50: The food safety of poultry products: the US and the UE view
Sylvie COULON, Jean-Yves FERRE and Gilles SALVAT

12h00: LUNCH BREAK

14h30: Strategies for genetic selection in poultry
Frédéric GRIMAUD, Olivier DEMEURE, Daniel GUEMENE and Elisabeth LE BIHAN-DUVAL

15h15: Local sources of protein for poultry feed: which improvements paths?
Emilie RECOULES, Nicolas BREVAULT, Patricia LECADRE, Michel LESSIRE and Isabelle BOUVAREL

16h00: COFFEE BREAK

16h30: Antimicrobial use: impact on animal and human health and reduction approaches
Claire CHAUVIN, Joël BERTIN, Jean-François GUILLOT, Charlotte DUNOYER, Caroline BOUDERGUE and Etienne GIRAUD

17h15: SPEECH of PROFESSIONAL ORGANIZATIONS
Michel PRUGUE and Gilles HUTTEPAIN

17h45: GENERAL ASSEMBLY OF WPSA / POSTER VIEWING

18h30: Cocktail HOSTED BY CIFOG

20h00: CLOSURE OF DOORS
Thursday 26th March 2015

8h00: REGISTRATION - WELCOMING COFEE

8h30: NUTRITION

Auditorium
Chairied by: Claire LAUNAY – INVIVO NSA and Françoise MEDALE - INRA

SYNTHÈSE:

**NIRS: A TOOL FOR PRECISION FEEDING, FROM THE FACTORY TO THE FARM**
Denis BASTIANELLI, Cécile GADY, Patrick HOGREL

**Factors affecting nutrient digestibility in broilers: synthesis of DIGSPIR project results**
Jean-Paul METAYER, Philippe LESCOAT, Denis BASTIANELLI, Isabelle BOUVAREL, Yann FOURNIS, Maria VILARIÑO

**Variability of starch digestibility in broilers fed with wheat-based diets: effects of age and feeding behaviour**
Justine DANEL, Jean-Paul METAYER, Maria VILARIÑO

**Effects of raw materials' grinding with disc mill on feed particle size and digestibility for broiler chicken.**
Stephanie KLEIN, Yannick THORAVAL, Adeline MATHIAUD, Eric MANSUY

**Combined effect of near infra-red spectroscopy and non-starch polysaccharide fibrolytic complex on performance of broilers chickens fed diet with low quality feed ingredients**
Roberto MONTANHINI NETO, Maria FRANCESCH, Cecile GADY, Eric N’GUETTA, Friedrich ROUFFINEAU, Aurélie PREYNAT

**Energy sparing enzymes in poultry nutrition: new mode of action of enzymes**
Nejib MATHLOUTHI, Frank Lee JIN

8h30: ECONOMY

Salle 1

Chairied by: Pascale MAGDELAINE - ITAVI and Yves TREGARO – FranceAgriMer

**Structure and organization of the poultry sector in the USA**
Camille DEMAN

**Structure and organization of the egg sector in the USA**
Guillaume COUTELET

**Free trade agreement between the USA and the EU, which stakes for the poultry meat and egg sectors ?**
François CADUDAL

**Historical views on the French great export of chicken sector and prospects**
Yves TREGARO

**Insurance and poultry farming in Algeria "heatwave case"**
Nadia CHERIFI, Faiza MEBKHOUT, Safia ZENIA
8h30: PATHOLOGY AND PREVENTION

Salle 2

Chaired by: Jean-Luc GUERIN - ENV'T and Jacques ROBERTON - Vétérinaire consultant SNGTV

SYNTHÈSE:
SANIVOL: OPTIMIZATION OF SANITARY MANAGEMENT IN POULTRY FARMS
Julie PUTERFLAM, Adeline HUNEAU-SALAÜN, Nathalie ROUSSET, Alassane KEÏTA, Angélique TRAVEL, Rozenn SOUILLARD, Pascal GALLIOT, Maryse GUINEBRETIÈRE, Gérard AMAND, Sophie LE BOUQUIN, Virginie MICHEL

Alternatives to the use of formaldehyde for the disinfection of hatching eggs: DCCNa and vapor H202-30%
Julie PUTERFLAM, Aurore GUILLOT, Manuel TAVARÈS, Pascal GALLIOT, Adeline HUNEAU-SALAÜN, Pierre MARIS, Alassane KEITA

Environnemental contamination of Clostridium botulinum in poultry botulism outbreak.
Rozenn SOUILLARD, Caroline LE MARECHAL, Denis LEON, Sandra ROUXEL, Valentine BALLAN, Mohamed DIA, Cédric WOUDSTRA, Patrick FACK, Marie-Hélène BAYON-AUBOYER, Sophie LE BOUQUIN

How to anticipate outbreaks of Dermanyssus gallinae populations in layer farms?
Geoffrey CHIRON, Arthur VARESCON, Sophie LUBAC, Dominique BICOUT, Lise ROY

Sporulation of Eimeria oocysts: ability of E. acervulina and E. meleagrimitis to sporulate depends on time after the formation of oocysts
Jean-Michel REPERANT, Martine THOMAS-HENAFF, Chantal BENOIT, Pierre LE BIHANNIC, Stéphane ATHIMON, Denis CHEVALIER, Ghislaine EDDARAI, Claire LEFORT, Jean LEORAT, Yannick LE QUİLEC, Arafat MAHAMAT AHMAT, Grégoire MIDY, Elodie PAPIN, Gaëtan ROCABOY, Gilles LE POTTIER

Professional exposure to chlamydiaceae in poultry slaughterhouses
Virginie HULIN, Sabrina OGER, Fabien VORIMORE, Rachid AAZIZ, Bertille DE BARBEYRAC, Jacques BERRUCHON, Konrad SACHSE, Karine LAROUCAU

Evaluation of attenuated strains of Pasteurella multocida for the prevention of fowl cholera
Sophie GUILLERMIER, Chantal RAMEL, Philippe BAUDU, Nathalie CACHET, Stéphanie GALLEAU, François-Xavier LE GROS, Sylvain GOUTEBROZE, Camille MONTANGE, Christine ANDRÉONI, Hervé POULET, JOLIVET
8h30: GENETICS

Salle 3

Chaired by: Magali BLANCHET - Grimaud Frères Sélection and Denis MILAN - INRA

**SYNTHESE:**

**EPIGENETICS AND PHENOTYPIC VARIABILITY: WHAT SIGNIFICANCE IN POULTRY?**

Laure FRÉSART, Mireille MORISSON, Jean-Michel BRUN, Anne COLLIN, Bertrand PAIN, Francis MINVIELLE, Frédérique PITEL

**Impact of embryonic heat exposure on broiler methylome**

Vincent COUSTHAM, Julien PLENECASSAGNE, Clara LEJEUNE, Sarah-Anne DAVID, Sabine CROCHET, Thomas LOYAU, Tatiana ZERJAL, Sophie LEROUX, Diane ESQUERRE, Gérald SALIN, Céline NOIROT, Frédérique PITEL, Anne COLLIN

**Changes in the embryonic environment have an effect on phenotypes of third generation offspring in quail.**

Sophie LEROUX, David GOURICHON, Christine LETERRIER, Yann LABRUNE, Vincent COUSTHAM, Tatiana ZERJAL, Mireille MORISSON, Francis MINVIELLE, Frédérique PITEL

**Long term culture of Primordial germ cells (PGCs) as a tool for cryopreservation of avian genetic diversity: establishment, characterization and quality**

Bertrand PAIN, Clémence KRESS, Aurélie FUET, Franca RAUCCI

**Fine mapping of QTL for carcass and meat quality traits in a chicken slow-growing line**

Sophie ALLAIS, Christelle HENNEQUET-ANTIER, Cécile BERRI, Marie CHABAULT, Laurent SALLES, François D'ABADDIE, Olivier DEMEURE, Elisabeth LE BIHAN-DUVAL

**Combining selective sweep mapping, coding SNP annotation and expression reveals PARK2 and JAG2 as new potential regulators for adiposity**

Pierre-François ROUX, Simon BOITARD, Yuna BLUM, Brian PARKS, Alexandra MONTAGNER, Etienne MOUISEL, Anis DJARI, Diane ESQUERRE, Colette DESERT, Morgane BOUTIN, Sophie LEROUX, Frédéric LECERF, Elisabeth LE BIHAN-DUVAL, Christophe KLOPP, Bertrand SERVIN, Frédérique PITEL, Michel J. DUCLOS, Hervé GUILLOU, Aldons Jake LUSIS, Olivier DEMEURE, Sandrine LAGARRIGUE

**QTL detection of excretion-related traits in meat-type chickens**

Sandrine MIGNON-GRASTEAU, Bernard CARRÉ, Irène GABRIEL, Nicole RIDEAU, Céline CHANTRY-DARMON, Marie-Yvonne BOSCHER, Denis BASTIANELLI, Nadine SELLIER, Marie CHABAULT-DHUIT, Elisabeth LE BIHAN-DUVAL, Agnès NARCY

10h30: BREAK AND POSTER VIEWING

11h00: NUTRITION

AUDITORIUM

Chaired by: Claire LAUNAY – INVIVO NSA and Françoise MEDALE – INRA
Nutritional value of organic raw material for poultry
Hervé JUIN, Antoine ROINSARD, Célia BORDEAUX

Characterization of proteins in the digestive tract of broilers fed four different protein sources
Emilie RECOULES, Houda SABBOH-JOURDAN, Agnès NARCY, Michel LESSIRE, Grégoire HARICHAUX, Michel J. DUCLOS, Sophie RÉHAULT-GODBERT

Reducing dietary crude protein of broiler: a meta-analysis approach
Pauline BELLOIR, Michel LESSIRE, Jacob VAN MILGEN, Etienne CORRENT, Philippe SCHMIDELY, Sophie TESSERAUD

Impact of dietary phosphorus and calcium concentrations on their deposition in soft and bone tissues in chicks
Agnès NARCY, Xavière ROUSSEAU, Nathalie MEME, Michel MAGNIN, Yves NYS

Effects of 6-phytase supplementation on myo-inositol concentration and on the Pectoralis muscle transcriptome in broilers
Jérôme SCHMEISSER, Raffaella AURELI, Patrick GUGGENBUHL

Development of an easy method to compare the bioavailability of different selenium sources in broiler chicks
Florian COULOIGNER, Maamer JLALI, Mickaël BRIENS, Friedrich ROUFFINEAU, Pierre-André GERAERT, Yves MERCIER

11h00: ECONOMY
Salle 1

Chaired by: Pascale MAGDELAINE - ITAVI and Yves TREGARO – FranceAgriMer

Situation and prospects for the french egg industry
Pascale MAGDELAINE, Cécile RIFFARD

Characteristics of poultry farms in 2010
Sylvain GALLOT

Typical farms approach in poultry farming: which interests in comparison with other livestock farming data collecting tools?
Romaric CHENUT

Future of the French poultry and egg sectors in 2025: four constrasting scenarios
Guillaume COUTELET, Pascale MAGDELAINE

11h00: PATHOLOGY AND PREVENTION
Salle 2

Chaired by: Jean-Luc GUERIN - ENVT and Jacques ROBERTON - Vétérinaire consultant SNGTV

SYNTHÈSE:
AVIAN INFLUENZA AND NEWCASTLE DISEASE: RECENT KNOWLEDGE’S IMPROVEMENT; PRACTICAL EXPERIENCE IN FRANCE, FRENCH-SPEAKING AFRICA AND THE MIDDLE EAST

Véronique JESTIN and Eugène GOATER

High pathogenicity and low genetic evolution of avian paramyxovirus type I (Newcastle disease virus) isolated from live bird markets in Uganda
Denis BYARUGABA, Kizito MUGIMBA, John OMONY, Martin OKITWI, Agnes WANYANA, Maxwell OTIM, Halid KIRUNDA, Jessica NAKAVUMA, Angélique TEILLAUD, Mathilde PAUL, DUCATEZ

Infectious Bursal Disease: diagnosis using VP1 and VP2 sequence determination, method used for a field survey.
Nadine CARIOU, Pierre Yves MOALIC, David SCHIKORSKI, Mickaël HILLION, Brice ROBINEAU

High-throughput screening of avian respiratory pathogens using a nanofluidic real-time PCR platform.
Guillaume CROVILLE, Alexis SENET, Charlotte FORET, Mariette DUCATEZ, Faouzi KICHOU, Mohammed MOUAHID, Jean-Luc GUÉRIN

Modifying the non-structural protein NS1 of an avian influenza virus increases its pathogenicity and replication potential
Sascha TRAPP, Denis SOUBIEUX, Hélène MARTY, Evelyne ESNAULT, Adrien LION, Emmanuel KUT, Pascale QUÉRÉ, Thibaut LARCHER, Nadia NAFFAKH, Daniel MARC

WVPA AWARD FOR THE BEST PAPER IN AVIAN PATHOLOGY

11h00: GENETICS

Salle 3

Chaired by: Magali BLANCHET – Grimaud Frères Sélection and Denis MILAN – INRA

Genetic contribution to leg health in broilers
Dagmar KAPELL

A genomic approach of chicken domestication
Michèle TIXIER-BOICHARD, Mahendra MARIADASSOU, Xavier ROGNON, Pierre NICOLAS, François RODOLPHE, Alain VIGNAL, Diane ESQUERRÉ, Jean-Luc COVILLE, Frédéric HOSPITAL, Agathe VIEAUD, Bertrand BED'HOM

Effect of the line-by-diet interaction on live performances in two broiler lines selected divergently for the ultimate ph of breast muscle
Nabeel ALNAHHAS, Cécile BERRI, Marie CHABAUlT-DHUlT, Thierry BORDEAU, Marie BOURIN, Cécile ARNOULD, Elisabeth LE BIHAN-DUVAL

Detection of QTL influencing egg production in layers receiving various diets
Hélène ROMÉ, Amandine VARENNE, Frédéric HÉRAULT, Hervé CHAPUIS, Christophe ALLENO, Patrice DEHAIS, Alain VIGNAL, Thierry BURLOlT, Pascale LE ROY
Genetic architecture of social and fear behaviours in relation to production traits in Japanese quail.
Julien RECOQUILLAY, Frédérique PITEL, Cécile ARNOULD, Sophie LEROUX, Patrice DEHAIS, Carole MORÉNO, Ludovic CALANDEAU, Aline BERTIN, David GOURICHON, Olivier BOUCHEZ, VIGNAL, Maria-INES FARIELLO, Francis MINVIELLE, Catherine BEAUMONT, Christine LETERRIER, Elisabeth LE BIHAN-DUVAL,

Proteic QTL: a tool to understand fatty liver quality?
Yoannah FRANCOIS, Caroline MOLETTE, Alain VIGNAL, Stéphane DAVAIL, Christel MARIE-ETANCELIN

12h30: LUNCH BREAK

14H00: NUTRITION

AUDITORIUM

Chaired by: Claire LAUNAY – INVIVO NSA and Françoise MEDALE - INRA

SYNTHESE:
MYCOTOXINS IN POULTRY : THE POINT ON CURRENT ISSUES
Jean-Denis BAILLY, Michel MAGNIN, Angélique TRAVEL, Philippe GUERRE

Analysis of mycotoxins in French poultry compound feeds
Erwan LEROUX, Eric MARENGUE, Elise NACER KHODJA

Can plasma metabolites predict fat deposition in peripheral tissues of chicken?
Maëva JÉGOU, Isabelle LOUVEAU, Florence GONDRET, Julie LALANDE-MARTIN, Illea TEA, Elisabeth LE BIHAN-DUVAL, Cécile BERRI, Colette DESERT, Sandrine LAGARRIGUE, Michel J. DUCLOS, COLLIN, Sonia METAYER-COSTARD, Elisabeth BAÉZA

Impact of dietary energetic source on microbial digestive metabolites in the chicken
Irène GABRIEL, Julie LALANDE, Illea TEA, Florence GONDRET, Sandrine LAGARRIGUE, Elisabeth BAEZA, Agnès NARCY, Michel J. DUCLOS

Influence of choice feeding and cereal types (maize or triticale), during the finishing period on performance of mule ducks
Julien ARROYO, Laurence FORTUN-LAMOTHE, Jean-Pierre DUBOIS, Franck LAVIGNE, Mohamed BIJJA, Caroline MOLETTE

Comparison of feeding behaviour between Muscovy drakes and mule ducks
Emilie COBO, Hélène GILBERT, Michel LAGUE, Jean-Bernard LAVERZE, Edmond RICARD, Alexis CORNUEZ, Xavier MARTIN, Laurence DROUILHET, Christel MARIE-ETANCELIN

Laying performance and egg-sheld improvements by addition of a bacterial xylanase in wheat based diets for laying hens
Christelle BOUDRY, Jean-Christophe BODIN

Quantitative recovery of probiotic bacteria (Pediococcus acidilactici) in the gut segments of laying hens
David GUILLOU, Caroline MULSANT, Audrey SACY, Lucien ROFFIDAL
Laying hens flock variability and consequences on amino acid requirement
Fabien GALEA

Effect of different tryptophan to lysine ratios to laying performance and phenotypical stress parameters in laying hens under two stocking densities in floor pens
Ariane HELMBRECHT, Christian ELWERT, Mathieu LEPLOUDE

Feeding broiler breeder hens with diets containing reduced levels of Zn, Cu, Mn as chelates compared to industry levels as sulfates/oxides improve hatching rate and progeny quality
Pierre BUTTIN, Alleno CHRISTOPHE, Michard JACKY, Megharaja MANANGI

14H00: ENVIRONMENT, ANIMAL WELFARE AND BREEDING SYSTEMS
Salle 1
Chaired by: Stéphane INGRAND - INRA and Marcel SAINT-CRICQ - CEPSO

SYNTHESE:
THE POULTRY HOUSE, A STRATEGIC INSTRUMENT FOR COMPETITIVENESS AND SUSTAINABILITY OF THE SECTOR
Dylan CHEVALIER, Christian NICOLAS, Gérard AMAND

News from research in poultry welfare from the 2014 international congress on Welfare Assessment at Farm Level
Christine LETERRIER, Laurence GUILLOTEAU, Joop LENSINK, Vanessa GUESDON

Dust concentrations in the air of duck hatcheries
Adeline HUNEAU-SALAÜN, Julie PUTERFLAM, Eric JOUY, Laëtitia LE DIVENDEC, Isabelle KEMPF, Nathalie ROUSSET, Sophie LE BOUQUIN

Turkey brooding in specific houses: management and performances
Elodie DEZAT, Elodie PIGACHE

Does diversity of free-range systems mean diversity of welfare levels in laying hens ?
Florine SERURRIER, Céline CAYEZ, Joop LENSINK, Hélène LERUSTE, Jasper HEERKENS, Frank TUYTTENS, Vanessa GUESDON

Ducks Welfare: Evaluation of the physical integrity of mule duck in commercial farms and identification of risk factors
Joanna LITT, Julia CHAUMIER, Marie LABORDE, Marie-Dominique BERNADET, Julie VOGELAER, Mathieu BOUCHER, Laure BIGNON

Use fiber in feed and 'menue chaff" as litter to Improve the broilers welfare
Laure BIGNON, Amandine MIKA, Mathilde DUPIN, Léonie DUSART, Angélique TRAVEL, Agnès NARCY, Marion BOURNAZEL, Marie BOURIN, Frédéric MERCERAND, Muriel NACIRI, Michel MAGNIN, Jean GARET, Isabelle BOUVAREL

Replacing soybean meal by alternative protein sources: Multicriteria assessment of medium-growing chicken production system
Michel LESSIRE, Léonie DUSART, Bertrand MEDA, Jean-Marc HALLOUIS, Thierry BORDEAU, Christophe SOUCHET, Frédéric MERCERAND, Cathy HATTE, Isabelle BOUVAREL, Cécile BERRI
**OVALI: a practical tool to assess the sustainability of poultry supply chains 2 - Designing new production systems**
Léonie DUSART, Bertrand MÉDA, Juliette PROTINO, Dylan CHEVALIER, Elodie DEZAT, Romaric CHENUT, Paul PONCHANT, Philippe LESCOAT, Cécile BERRI, Isabelle BOUVAREL

**Impact of colistin treatment on the microbiota and stored or composted manure of broilers: bacteria and resistance genes**
Laetitia LE DEVENDEC, Gwenaelle MOURAND, Julien LEAUSTIC, Nathalie ROUSSET, Pascal GALLIOT, Manuel TAVARES, Alassane KEITA, Isabelle KEMPF

**Kinetics of spontaneous liver steatosis development in geese and relationship with food intake**
Xavier FERNANDEZ, Gérard GUY, Jean-Bernard LAVERZE, Cécile Md BONNEFONT, Laurence FORTUN-LAMOTHE

**14H00: HYGIENE AND FOOD QUALITY**
Salle 2
Présidents: Ivan JEGO – Gastronome and Caroline Molette - ENSAT INRA

**SYNTHESE:**
**CURRENT SITUATION OF QUALITY DEFECTS FOR CARCASSES AND MEAT OF CHICKENS**
Elisabeth BAEZA, Marie BOURIN, Virginie ALLAIN, Jean-Philippe PRIGENT, Sophie LEBOUQUIN, Catherine MAGRAS

**SYNTHESE:**
**CAMPYLOBACTER CONTROL STRATEGIES IN BROILERS: FACT OR FICTION**
Marianne CHEMALY, Julie MAYOT

Quantitative Risk Assessment (QRA) for Clostridium botulinum in french canned Foie Gras
Jeanne-Marie MEMBRÉ, Moctar DIAO, Chantal THORIN, Grégoire CORDIER, François ZUBER, Stéphane ANDRÉ

Consequences of a selection on breast meat ultimate pH on muscle fiber typology and metabolism in broiler
Stephane BEAUCLERCOQ, Elisabeth BAÉZA, Thierry BORDEAU, Pascal CHARTRIN, Estelle GODET, Elisabeth LE BIHAN-DUVAL, Cécile BERRI

What are the rearing factors that favor oxidation of turkey meat?
Marie BOURIN, Elisabeth BAEZA, Amandine MIKA, Estelle GODET, Pascal CHARTRAIN, Agathe MAUDOUIT, Juline LAUNAY, Charlie DUCHEMIN, Zoé MOREL, Véronique SANTÉ-LHOUTELLIER, BERRI

Effect of different dietary sources of n-3 fatty acids on the laying performance and technological, nutritional and sensorial quality of eggs
Pascal CHARTRIN, Elisabeth BAÉZA, Michel LESSIRE, Karine MÉTEAU, Guillaume CHESNEAU, Mathieu GUILLIVIC, Jacques MOUROT

Avian eggshell formation: Presence of amorphous calcium carbonate associated with changes in some organic matrix proteins during initiation of mineralisation
OVAX, an egg white ovalbumin-related protein with antimicrobial activities
Sophie REHAULT-GODEBERT, Valérie LABAS, Magali CHESSE, Joel GAUTRON, Franck COSTE, Nicolas GUYOT, Yves NYS

Effect of corm type and fasting duration before slaughtering on biochemical and functional post-genomics characteristics of fatty liver in mule ducks
Cécile BONNEFONT, Rawane EL KOUBA, Marina TRAVANCA, Sébastien DÉJEAN, Alain VIGNAL, Michel BOUILLIER-ODOT, Nathalie MARTY-GASSET, Emmanuelle LABARTHE, Hélène MANSE, Julien ARROYO, Jean-Pierre DUBOIS, Didier VIALA, Christophe CHAMBON, Caroline MOLETTE

Brominated Flame Retardants in eggs from French laying hen farms
Adeline HUNEAU-SALAÜN, Angélique TRAVEL, Ronan CARIOU, Loïc BALAIN, Christophe SOUCHET, Anaïs VÉNISSEAU, Alicia CHARPIOT, Gaud DERVILLY-PINEL, Philippe MARCHAND, Bruno LE BIZEC, JONDREVILLE, Sophie LE BOUQUIN

CLOSURE OF DOORS
Poster

ECONOMY

Technical-economic performance and practices in breeding poultry breeders ponte. Case of Algeria
Ahcène KACI

Main changes in the fatty liver market and in technical results of breeding and fattening workshops over the past decade
Joanna LITT, Marie-Pierre PE

ENVIRONMENT, ANIMAL WELFARE AND BREEDING SYSTEMS

Socio-economic study of local poultry farms in the Aures region (Algeria)
Nadir ALLOUI, Sassia SELLAOUI

Technical characteristics of egg farming. (Batna.Algerie)
Rachid ADJROUDI

Performance of breeding of broiler chickens in mountain area: the case of Tizi-ouzou
Azeddine MOUHOUS, Si Ammar KAD

Outcome of AlterAvi platform: 5 years of trials in organic broilers
Karine GERMAIN, Eddie LAMOTHE, Hervé JUIN

Ways of organization for the supply of local race chick for professionnal breeders
Sophie LUBAC, Leslie PALOP, Daniel GUEMENE

Technical and Economic Indicators of Broiler Production in Eastern Algeria
Derradji OUACHEM

Selection for sustainable resource utilisation in turkeys
Valentin KREMER

Multicriteria assessment of different rearing systems for intermediary growing broilers
Marie BOURIN, Laure BIGNON, Sarah GUARDIA, Frédéric MERCERAND, Bertrand MÉDA, Léonie DUSART, Isabelle BOUVAREL, Cécile BERRI

Management of the environment in rooms force-feeding ducks: survey to producers
Gérard AMAND, Marie LABORDE, Paul ROBIN, Clémence AUDREN, Céline PEILLOD

Development of a rating scale to assess the quality of duckling at hatching
Josette BARRIEU, Jean-Bernard LAVERZE, Xavier MARTIN, Mireille MORISSON, Caroline MOLETTE, Hélène GILBERT, Emilie COBO

Environmental impacts of the goose's foie gras production: comparison of systems with or without force-feeding
Mathilde BRACHET, Gérard GUY, Xavier FERNANDEZ, Julien ARROYO, Laurence FORTUN-LAMOTHE

Difficulties and opportunities for the valuation of rare breeds products
Geoffrey CHIRON, Sophie LUBAC, Lucie MARKEY, Anne LAUVIE, Fanny MOYSE, Christele COUZY
Effect of heat exchanger on poultry performances
Elodie DEZAT, Christian NICOLAS, Sophie PATTIER, Dylan CHEVALIER, Stéphane DESSE

Long-term effects of delayed transportation and suboptimal conditions on chick health and performance
Alexia KOCH, Christine LETERRIER, Anne COLLIN, Frédéric MERCERAND, Christophe RAT, Joël DELAVEAU, Isabelle GRIMAUD, Paul CONSTANTIN, Sabine CROCHET, Estelle CAILLEAU-AUDOUIN, Laurence GUILLOTEAU

Effects of different lighting sources on the performance and carcass quality of guinea fowl broilers
Alassane KEÏTA, Jean-Michel OIZEL, Jean-Michel MANGART, Manuel TAVARES

Different stocking densities in broiler chickens: effect on performances, welfare, thermal and environmental aspects
Alassane KEÏTA, Manuel TAVARES, Paul ROBIN, Gérard AMAND, Christian NICOLAS, Dylan CHEVALIER

Interest of different materials for picking and scratching area for laying hens in furnished cages: behavior and eggs quality analysis
Alicia CHARPIOT, Geoffrey CHIRON, Laure BIGNON, Maryse GUINEBRETÎÈRE, Cécile RIFFARD, Sophie LUBAC, Agnès BOUGERET

Heat production of force-feeding ducks
Paul ROBIN, Gérard AMAND, Céline PEILLOD, Marie LABORDE

Welfare evaluation of broiler chickens in factory farming in Algeria
Si Ammar KADI, Assia BOUCHEMA, Azeddine MOUHOUS

Effects of different types of litter on the occurrence and the severity of lesions and behavior of fast-growing broilers
Laure BIGNON, Amandine MIKA, Mylène CHAUMEAU, Mathilde DUPIN, Frédéric MERCERAND, Isabelle BOUVAREL

Embryo heat acclimation: what molecular mechanisms are modified in broilers at slaughter age?
Thomas LOYAU, Christelle HENNEQUET-ANTIER, Sonia METAYER-COUSTARD, Marie LEDUC, Sabine CROCHET, Estelle CAILLEAU-AUDOUIN, Mélanie SANNIER, Cécile BERRI, Michel J. DUCLOS, Sophie TESSERAUD, Nathalie COUROUSSE, Pascal CHARTRIN, Christophe PRAUD, Nadia EVERAERT, Nicole RIDEAU, Sandrine MIGNON-GRASTEAU, Marco MOROLDO, Jérome LECARDONNEL, Patrice MARTIN, Vincent COUSTHAM, Sandrine LAGARRIGUE, Shlomo YAHAV, Anne COLLIN

Sanitary management during poultries collection - practicals' overview in french farms.
Gaëlle DENNERY, Dylan CHEVALIER, Marie-Laëtitia GILLIOT, Joanna LITT, Freddy BODIN, Benoit LÉVRIER, Laure BIGNON

Water's quality in broiler farming in algiers area
Fatma AMARA MADI, Taha Mossadek HAMDI, Ali BENOUADAH, Chafik MESSAI

Development of a grid of indicators for the assessment of the physical integrity of the mule duck
Influence of modernization of public housing gavage rooms on effluent volumes produced
Nathalie CASTETBON, Marie LABORDE

Impacts of soil intake on laying hens performance, egg quality and feed energy metabolisability
Angélique TRAVEL, Michel LE FRANÇOIS, Amandine MIKA, Jean-Marc HALLOUIS, Stefan JURJANZ, Michel LESSIRE, Yves NYS, Yayu HUANG, Catherine JONDREVILLE

The outdoor run as a protein source for organic broilers
Karine GERMAIN, Hervé JUIN, Eddie LAMOTHE, Antoine ROINSARD

Using miscanthus as bedding for mule duck breeding during starting? Comparison with chopped straw
Joanna LITT, Nathalie ROUSSET, Paul PONCHANT

Copper and Zinc accumulation in soils of two organic poultry outdoor runs
Madjid BOUTAOUS, Christian WALTER, Pierre BUTTIN, Karine GERMAIN

Impact of rearing waterfowl on the insect biodiversity: 1st study
Mohamed BIJJA, Franck LAVIGNE, Jean-Pierre DUBOIS, Julien ARROYO

OVALI: a practical tool to assess the sustainability of poultry supply chains
Assessing the existing to identify ways for improvement
Juliette PROTINO, Pascale MAGDELAINE, Cecile BERRI, Bertrand MÉDA, Paul PONCHANT, Léonie DUSART, Dylan CHEVALIER, Elodie DEZAT, Philippe LESCOAT, Isabelle BOUVAREL

COMPOSIM: a calculation tool to assess the quantity and composition of livestock manure
Paul PONCHANT, Pascal LEVASSEUR, Elise LORINQUER, Alicia CHARPIOT

Impact of colistin treatment on composting broiler manure and control the spread of antibiotics residues in the environment
Nathalie ROUSSET, Pascal GALLIOT, Manuel TAVARES, William COUET, Patrice GOBIN, Alassane KEITA, Claude AUBERT, Isabelle KEMPF

Improvement of heat exchangers cleaning and disinfection practices used in poultry breedings
Elodie PIGACHE, Dylan CHEVALIER, Félix MAHÉ, Dronneau ANOUK, Robert WEHRLEN, Olivier LE BARS, Rousset NATHALIE

Evaluation of a desiccant-sanitising agent for bedding when starting mule ducks
Joanna LITT, Frank BIENNE, Pierre CAUMONT

Effect of light programs on the spontaneous fattening of goose liver without overfeeding
Cécile BONNEFONT, Hubert DE LEOITING D'ANJONY, Gérard GUY, Jean-Bernard LAVERZE, Mathilde BRACHET, Laurence FORTUN-LAMOTHE, Xavier FERNAHDEZ

Replacing soybean meal by alternative protein sources: Multicriteria assessment of a 'Label Rouge' chicken production system
Identification of 'brominated flame retardants' sources in building material from farms
Ronan CARIOU, Anaïs VÉNISSEAU, Gérard AMAND, Philippe MARCHAND, Michel MARCON, Adeline HUNEAU, Sophie LE BOUQUIN, Gaud DERVILLY-PINEL, Angélique TRAVEL, Bruno LE BIZEC

NUTRITION

Effects of a microencapsulated feed additive on growth performance and sanitary status of broiler chickens
Roberto BAREA, Florence RUDEAUX, Andrea PIVA

Effects of an NSP- enzyme supplementation on precaecal nutrient digestibility and arabinoxylan degradation in turkeys
Holger KLUGE, Elke VON HEIMENDAHL, Armin MÜLLER, Denis CALENDRIER, Marie CADIEU

Efficacy of a multienzymatic complex on performance and metabolizable energy of broilers chickens: a meta-analysis
Roberto MONTANHINI NETO, Eric N’GUETA, Gérard UZU, Pierre DALIBARD, Aurélie PREYNAT

Effect of protease and protease/carbohydrase combination on nutrient digestibility in broiler
Luis ROMERO, Anne-Marie DEBICKI-GARNIER, Bertrand MESSAGER

Use of enzyme complexes in poultry feed: trial results in broilers
Mouna ABED, Wafa DOUMANDJI, Zahra BERRAMA, Lynda SAHRAOUI, Faycal TETAH, Ghania ZITOUNI, Hacina AIN BAZIZ, Ahmed BOUDJENAH, Soraya TEMIM

Effects of enzyme producing micro-organisms (Bacillus subtilis DSM 17299) on performance of broilers fed with protein-reduced diets
Petra PROBLER

Phytase superdosing effects associated with xylanase addition in broiler chickens: growth performance and litter quality
Xavière ROUSSEAU, Mike BEDFORD, Maria SOTO-SALANOVA

"Influence of Hemicell (beta-mannanase) on standard chickens performance feeded with diets containing different sources of beta-mannans"
Karl POULSEN, Alain CORNIAUX, Christophe BOSTVIRONNOIS, Christele GOUEAUD, Gilles LECHARTIER

Efficacy of a bacterial xylanase in a corn and wheat based diet on growth performance of broilers
Jean-Christophe BODIN, Christelle BOUDRY

Protein sources impact endogenous proteolytic activities of digestive enzymes in broiler
Emilie RECOULES, Houda SABBOH-JOURDAN, Agnès NARY, Michel LESSIRE, Grégoire HARICHAUX, Michel J. DUCLOS, Sophie RÉHAULT-GODBERT
Effects of protease supplementation on the standardized ileal amino acid digestibility in sunflower, sorghum, wheat middling and fish meal for broiler chickens
Raffaella AURELI, Patrick GUGGENBUHL, Jiri BROZ

Seleno-hydroxy-methionine: an efficient source of organic selenium for broilers
Mickaël BRIENS, Florian COULOIGNER, Friedrich ROUFFINEAU, Pierre-André GERAERT, Yves MERCIER

Seleno-hydroxy-methionine as a dietary selenium supplement to improve selenium concentration of table eggs
Maamer JLALI, Mickaël BRIENS, Friedrich ROUFFINEAU, Florian COULOIGNER, Pierre-André GERAERT, Yves MERCIER

Effect of trace minerals on the development of bacterial chondronecrosis with osteomyelitis in poultry
Pierre BUTTIN, Juxing CHEN, Robert WIDEMAN

Assessing the dynamics of phosphorus and calcium supply in broilers
Carole MARGETYAL, Claire LAUNAY, Olivier AMADOR

Bioavailability of zinc oxide sources in broilers
Agnès NARCY, Yves NYS, Agathe ROMÉO, Stéphane DUROSOY

Influence of the incorporation into the feed of calcium Pidolate on the quantitative and qualitative parameters of the broiler production.
Xavier ROLLEAU, Benjamin POLLET, Christophe ALLENO

Efficacy of phytase supplemented as uncoated or coated source in male broiler chickens
Klaus MÄNNER, Armin MÜLLER, Elke VON HEIMENDAHL, Stefan L. KINZINGER, Denis CALENDRIER, Marie CADIEU

Influence of incorporating sugar beet pulp during the finishing period on performance of geese
Julien ARROYO, Mathilde BRACHET, Jean-Pierre DUBOIS, Franck LAVIGNE, Caroline MOLETTE, Carole BANNELIER, Laurence FORTUN-LAMOTHE

Effect of a live yeast Saccharomyces cerevisiae boulardii on the incidence of cellulitis in broiler chickens
Mattias DELPONT, Jean GARET, Xavier GAUTIER, Eric GARO, Yannig LE TREUT, Vanessa DEMEY, Audrey SACY

Effect of a seaweed-clay mix on the use by broiler chickens of a diet containing corn dds
Mohamed El Hassimou DIA, Eve COUERON, Eric PAGOT, Anne TROTEL, Gabrielle RAUJOUAN, Brigitte DELAPORTE, Marie GALLISSOT

Influence of clay and grit supplementation during the growing-finishing period on performance of geese
Franck LAVIGNE, Jean-Pierre DUBOIS, Laurence FORTUN-LAMOTHE, Julien ARROYO

Efficacy of butyric acid glycerides and glycerol monolaurate to combat bacterial enteritis problems in broilers
Nutritional value of L-methionine in comparison to DL-methionine in broiler
Ariane HELMBRECHT, Christian ELWERT, Mathieu LEPOUDERE

Effects of dietary protein on growth performance of mule ducks
Julien ARROYO, Franck LAVIGNE, Carole MARGETYAL, Olivier AMADOR, Caroline MOLETT, Jean-Pierre DUBOIS

Effects of dietary protein during the rearing period and the age of mule ducks on overfeeding performance
Julien ARROYO, Franck LAVIGNE, Carole MARGETYAL, Olivier AMADOR, Caroline MOLETT, Jean-Pierre DUBOIS

Possibilities of decreasing crude protein content in broilers diet aged from 14 to 32 days.
Pauline BELLOIR, Michel LESSIRE, Jean-Marc HALLOUIS, Etienne CORRENT, Sophie TESSERAUD

Organic feed for laying hens: faba, an alternative for soya?
Marie BOURIN, Antoine ROINSARD, Stanislas LUBAC, Paul PONCHANT, Frédéric MERCERAND, Isabelle BOUVAREL

Incidence of organic alfalfa protein concentrate on growth, skin pigmentation and meat quality of organic yellow-skin Broiler
Hubert CLAVE, Maxime QUENTIN, Florence VAN DER HORST, Didier COULMIER, Isabelle BOUVAREL

A mixture of specially selected polyphenols to restore FCR in heat-stressed broiler chickens
David HERMANS, Manu DE LAET, Christopher MARCQ

The ability of lean or fat chickens to store lipids is not altered by the dietary energy source
Elisabeth BAÉZA, Florence GONDRET, Pascal CHARTRIN, Elisabeth LE BIHAN-DUVAL, Cécile BERRI, Irène GABRIEL, Agnès NARY, Michel LESSIRE, Sonia MÉTAYER-COUSTARD, Anne COLLIN, Maëva JEGOU, Sandrine LAGARRIGUE, Michel J. DUCLOS

Contribution of the liver, adipose and muscle transcriptomes to the adaptative mechanisms of broilers in response to a variation of dietary energy source
Colette DÉSERT, Elisabeth BAÉZA, Meziane AITE, Morgane BOUTIN, Aurélie LE CAM, Magalie HOUEE-BIGOT, Yuna BLUM, Pierre-François ROUX, Florence GONDRET, Christelle HENNEQUET-ANTIER, Cécile BERRI, Michel LESSIRE, Sonia METAYER-COUSTARD, Anne COLLIN, Elisabeth LE BIHAN-DUVAL, Michel J. DUCLOS, Sandrine LAGARRIGUE

Regulatory mechanisms involved in lipids and glucose absorption at peripheral and hepatic level in overfeed palmipeds
Annabelle TAVERNIER, Karine GONTIER, Mathilde JAGLIN, Mickael REY, Karine RICAUD, Marie Dominique BERNADET, Stephane DAVAIL

Effect of basal diet composition on the metabolizable energy value of rapeseed meal in adult cockerel
Arnaud LABEPIE, Hervé JUIN, Corine PEYRONNET, Alain QUINSAC, Michel LESSIRE
Impact of feed presentation (crumbs vs micro-pellets 2 mm) on broiler zootechnical performances between 0 to 20 days.
Samuel ROULLEAU, Denis CHEVALIER

Influence of sequential feeding and cereal types (maize or triticale), during the finishing period on performance of mule ducks
Julien ARROYO, Franck LAVIGNE, Laurence FORTUN-LAMOTHE, Caroline MOLETTE, Mohamed BIJJA, Jean-Pierre DUBOIS

Use of inert wet corn for the rearing of mulard ducks, a step towards food self-sufficiency
Marie LABORDE

Use of sunflower meal Hypro in the food ration of male mule ducks in breeding - conventional breeding validation-
Marie-Dominique BERNADET

Effect of the type of maize during overfeeding and fasting duration before slaughter on the zootechnical performances of mule ducks
Franck LAVIGNE, Cécile BONNEFONT, Michel BOUILLIER-oudot, Julien ARROYO, Jean-Pierre DUBOIS, Caroline MOLETTE

Effect of start of overfeeding, without increasing the dose dispensed during 24h, on the performance of mule ducks
Franck LAVIGNE, Jean-Pierre DUBOIS, René BABILÉ, Julien ARROYO

Determination of total phosphorus and Phytate-P in monogastrics feed ingredients by near infrared spectroscopy
Raffaella AURELI, Quentin UEBERSCHLAG, Fanny KLEIN, Charline NOEL, Patrick GUGGENBUHL

Determining feed digestibility in poultry production thanks to NIR: a practical study
Isabelle BOUVAREL, Yann FOURNIS, Auriolane DE TONNAC, Amandine MIKA, Michel COUTY, Laurent BONNAL, Hervé JUIN, Jean-Paul MÉTAYER, Maria Vilariño, Denis BASTINELLI

Predictability of water-holding capacity of compound diet for poultry
Mathilde BRACHET, Julien ARROYO, Carole BANNELIER, Anaïs CAZALS, Corinne PAUTOT, Laurence FORTUN-LAMOTHE

Substitution of corn by acorn cork oak (Quercus suber) in the diet of broiler
Rafik ARBOUCHE, Halima Saadia ARBOUCHE, Fodil ARBOUCHE, Yasmine ARBOUCHE

Substitution of corn by acorn green oak (quercus ilex) in the food of broiler.
Halima Saadia ARBOUCHE, Fodil ARBOUCHE, Rafik ARBOUCHE, Yasmine ARBOUCHE

Expression and ontogenesis of glucose transporters SLC2A-1, -8 and -12 in different chicken muscles
Edouard COUDERT, Sophie TESSERAUD, Sonia MÉTAYER-COUSTARD

Consequences of mycotoxins exposure at the testicular levels
Edith GuiBERT, Sabine ALVES, Melanie FAURE, Jean-Paul MÉTAYER, Jean-Denis BAILLY, Angelique TRAVEL, Pascal FROMENT

PATHOLOGY AND PREVENTION
The outdoor run as a pharmacy for organic broilers
Karine GERMAIN, Vanessa GUESDON, Céline CAYEZ, Eddie LAMOTHE, Jacques CABARET

Routes of Contacts between Wild Waterfowl and Poultry Free Ranging Area for the Transmission of Avian Influenza Viruses
Dominique BICOUT, Delphine RIEUTORT, Marc ARTOIS, Olivier CAPARROS, Raphaël MUSSEAU, Sophie LUBAC

Systemic approach of health in organic broilers flocks.
Rozenn SOUILLARD, Jean Michel REPERANT, Catherine EXPERTON, Jenna COTON, Loïc BALAINE, Adeline HUNEAU, Gaëtan JOHAN, Rozenn MAIRET, Christine FILLIAT, Sophie LE BOUQUIN

Avian botulism: Optimisation of C. botulinum detection by real-time PCR
Caroline LE MARECHAL, Valentine BALLAN, Sandra ROUXEL, Sarah FOUROUR, Rozenn SOUILLARD, Emmanuelle HOUARD, Marie-Hélène BAYON-ABOYER, Cédric WOUDSTRA, Patrick FACH, Sophie LE BOUQUIN, Marianne CHEMALY

Effect of age and strain on selected plasma biochemical indices in broiler chicken.
Nedjoua ARZOUR-LAKEHAL, Assia BOUDEBZA, Cherifa BENLATRECHE, Brigitte SILIART

Histological validation of the footpad dermatitis scoring system for the mule duck at different ages
Joanna LITT, Julia CHAUMIER, Marie-Dominique BERNADET, Marie LABORDE, Julie VOGELAER, Olivier ALBARIC, Jean-Marc HUGUET, Jean-Luc GUERIN

Turkey non-infectious locomotor disorders: etiology, evolution.
Matthieu PINSON

Summary of avian diseases identified at some poultry farming in bordj bou arreridj during (algeria) the year 2013 - 2014
Nassim SID, Nour Elhouda BELALMI, Soraya OUHIDA

Influence of Algae-based neutraceuticals on broilers zootechnical and economical performances
Cédric MIGNÉ, Benoît QUÉRÔ, Frédéric BUSSY, Matthieu LE GOFF

Implantation of ileal and cecal microbiota in Anas Platyrhynchos (Pekin), Cairina moschata (Muscovy) and mule duckings using Miseq sequencing
Mikaël REY, Karine BRUGIRARD RICAUD, Géraldine PASCAL, Laurent CAUQUIL, Olivier BOUCHEZ, Marie-Dominique BERNADET, Sylvie COMBES, Stéphane DAVAIL

Resistance profiles to antibiotics of E.coli producing BLSE and their molecular characterization in the lying farms of Algeria center region.
Assia ABOUN, Tassadit BOUZAGH -BELAZOUZ, Farida ASSAOUS, Moussa REZKALLAH, Kheira RAHAL

Monitoring of the use of a live attenuated vaccine against Salmonella enteritidis and typhimurium in the production of ducks "Foie Gras".
Julie FONTAINE, Xavier DUBORD, Thierry VENDRELL

Outbreak of psittacosis in a group of women exposed to Chlamydia psittaci-infected chickens
Aspergillosis in turkey: histopathological study
Nassim SID, Nor Elhouda BELALMI, Soraya OUHIDA

Effects of probiotics on performance parameters and intestinal lesions of commercial broiler chickens undergoing an Eimeria infection
Elen RONDEL, Wael ABDELRAHMAN, Michaela MOHLN, Miranda M. RITZI, Rami A. DALLOUL, Christian TENIER, Mickaël ROUAULT

Epizootiological and lesional aspects of the acute and chronic form of Marek’s disease in eastern Algeria
Mourad ZEGHDOUDI, Nardjes BOUZIDI, Chanez LAKBAR, Leila AOUN

The Bursa of Fabricius: Microscopic Anatomy and Anatomic pathology
Sassia SELLAOUI, Nadir ALLOUI, Saddek DJABA

Field study: a new control strategy against Gumboro disease in "Label Rouge" broiler farms in the South West of France
Maxime QUENTIN, Thomas DELQUIGNY, Xavier BANSE, Paul MORILLON

Birnavirus-associated Proventriculitis in French broiler chickens: a retrospective histopathological and virological study on archival tissues
Mattias DELPONT, Maxence DELVERDIER, Marie-Noelle LUCAS, Olivier ALBARIC, Georges PLASSIART, James GUY, Jean-Luc GUÉRIN

Phylogenetic relationship between goose parvovirus and Muscovy duck parvovirus French isolates: a comparative study of wild-type Goose and Muscovy duck parvoviruses and vaccine strains.
Isabelle DEVAUD, Jean-Bernard HERIN, Stéphane LEMIERE, Jean-Luc GUÉRIN, Jean-Luc PINGRET

Implementation of a Muscovy duck parvovirosis vaccination program using a live attenuated vaccine: multi-centric clinical trial
Isabelle DEVAUD, Jean-Bernard HERIN, Stéphane LEMIERE

Inclusion body hepatitis (IBH): clinical and histopathological study of a case observed in Algeria
Ismahene LAANANI, Nadir ALLOUI, Omar BENNOUNE, Ammar AYACHI, Mohamed Seguir BENTERKI

HYGIENE AND FOOD QUALITY

Effect of pre-slaughter stress on the welfare of broiler and the relationship with the meat quality.
Ameni HARKATI-GACI, Leila BENATALLAH, Mouhamed Naser Eddine ZIDOUNE

Effect of different dietary sources of n-3 fatty acids on the growth performance and technological, nutritional and sensorial quality of chicken meat
Pascal CHARTRIN, Elisabeth BAÉZA, Michel LESSIRE, Karine MÉTEAU, Guillaume CHESNEAU, Mathieu GUILLEVIC, Jacques MOUROT
Chicken pepsin crude extract preservation test by drying under partial vacuum or by lyophilization
Ferial-Aziza BENYAHIA-KRID

Effect of feeding euphorbia heterophylla seeds on laying performances and egg composition
David KOUAKOU, Cheikh TRAORE, Euphrasie ANGBO, Jean Francois GRONGNET, Augustin ADIMA, Emmanuel ASSIDJO, Maryline KOUBA

Study of a nutritionnal solution to improve performances and technological yield of "foies gras"
Adeline MATHIAUD, François HÉRAUT, Stéphanie KLEIN, Nicolas BRÉVAULT

A new method using image analysis for the evaluation of pieces amount in Block of Foie Gras with Pieces.
Romuald CHERET, Frédérique DURANTON, François ZUBER

Fatty liver melting rate: measurement and commercial ranking
Christel MARIE-ETANCELIN, Bernard RETAILLEAU, Aline ALINIER, Marie-Dominique BERNADET, Caroline MOLETTE, Zulma VITEZICA

Chemical composition and sensory properties of livers obtained after assisted-feeding or spontaneous fattening
Xavier FERNANDEZ, Laurence LAMOTHE, Gérard GUY, Jean-Bernard LAVERZE, Viviana LAZZAROTTO

Molecular characterization of Salmonella Senftenberg isolated from hatcheries
Françoise LE GALL, Kévin SALOMON, Gilles SALVAT, Marianne CHEMALY

Study of the bacteriology and physico-chemical quality of drinking in poultry farms
Rachida AIMEUR, Assia BOUAZIZ, Sabrina BOUSSENA, Sana HIRECHE, Amira DIB, Omar BOUAZIZ

Genetic diversity of Listeria monocytogenes in turkey production
Emmanuelle HOUARD, Sandra ROUXEL, Annie L'ABBE, Céline COURTILLON, Marianne CHEMALY

Reducing Salmonella Enteritidis colonization in SPF chickens using a feed supplemented natural growth promoter product
Elen RONDEL, Attila KOVACS, Renata BREITSMA, Luca VANDI, Paola MASSI, Giovanni TOSI, Christian TENIER, Mickaël ROUAULT

Prevalence of Listeria monocytogenes at poultry abattoirs and molecular characterization of isolates
Leila BOUAYAD, Taha Mossadak HAMDI, Malek NAIM

Antimicrobial resistance profile of Campylobacter jejuni / coli strains isolated from some turkey slaughterhouses located in the region of Algiers
Radia BOUHAMED, Taha-Mossadak HAMDI, Sara MESSAD, Malek NAîM

Antibacterial activity of egg albumen during incubation
Nicolas GUYOT, Cindy SLUGOCKI, Aurélien ROCHE, Camille BERTHAULT, Joël GAUTRON, Emmanuelle HELLOIN, Yves NYS, Sophie REHAULT-GODBERT
Kinetic study of the transfer to eggs of ingested alpha-HBCD in laying hens
Elena DOMINGUEZ-ROMERO, Ronan CARIOU, Elisabeth BAÉZA, Anais VÉNISSEAU, Philippe MARCHAND, Erwan ENGEL, Jérémy RATEL, Gaud DERVILLY-PINEL, Bruno LE BIZEC, Pamela HARTMEYER, Angélique TRAVEL, Catherine JONDREVILLE

High Pressure Assisted Pasteurization of Foie Gras at Reduced Temperature
Stéphane ANDRE, Romuald CHERET, Frédérique DURANTON, François ZUBER

Establishment of a methodology using imaging for predicting production traits in waterfowl
Emilie COBO, Caroline MOLETTE, Jean-Luc TOUZE, Eric VENTURI, Marie-Dominique BERNADET, Christophe STAUB

GENETICS, SELECTION AND REPRODUCTION

Implementation of the electronic identification within the poultry sectors
Benoît DESNOUES, Daniel GUÉMENÉ, Bruno BARON, Marie CHABAULT, Emilie RAYNAUD, David GOURICHON

Genomic evaluation for egg weight in crossbred layers receiving various diets
Hervé CHAPUIS, Frédéric HERAULT, Amandine VARENNE, Hélène ROME, Christophe ALLENO, Patrice DEHAIS, Alain VIGNAL, Thierry BURLLOT, Typhanie RUER, Pascale LE ROY

Effects of Metformin on chicken fresh and frozen-thawed spermatozoa motility and acrosome reaction.
Thi Mong Diep NGUYEN, Christophe PRAUD, Francois SEIGNEURIN, Pascal FROMENT, Elisabeth BLESBOIS

Inflammatory response of testis cells amended in the presence of metformin
Melanie FAURE, Sabine ALVES, Edith GUIBERT, Georgios MICHAILIDIS, Maria ANASTASIADOU, Jean-Pierre BRILLARD, Pascal FROMENT

Zootechnic and genetic characterization of japanese quail eggs "coturnix japonica" reared in algeria
Zahra BERRAMA, Samir SOUMAS, Soraya TEMIM, Rachid KAIDI, Hakima MEFITI

The MetEpiC project: a study of nutritional programming in mule ducks
Alexis CORNUEZ, Marie-Dominique BERNADET, Emilie COBO, Frédéric MERCERAND, Céleste LE BOURHIS, Michel LESSIRE, Xavier MARTIN, Frédérique PITEL, Cécile Md BONNEFONT, Jean-Michel BRUN, Mireille MORISSON

Morphometric comparisons of embryonic development of common, Muscovy and Mule duck
Alexis CORNUEZ, Bertrand PAIN

Circulating microRNAs: new biomarkers for economically important traits in chickens?
Tatiana ZERJAL, Marie-Laure ENDALE AHANDA, Sophie DHORNE-POLLET, Andrea RAU, Elisabetta GIUFFRA

Visfatin expression level in chicken ovarian follicles: an inhibitory role of steroidogenesis ?
Mélodie DIOT, Maxime REVERCHON, Christelle RAMÉ, Yannick BAUMARD, Joëlle DUPONT
Plasma and tissue expressions of adipocytokines, adiponectin, chemerin and visfatin, in laying turkeys.
Mélodie DIOT, Maxime REVERCHON, Christelle RAMÉ, Pascal FROMENT, Jean-Pierre BRILLARD, Sylvain BRIÈRE, Gérard LEVÊQUE, Daniel GUILLAUME, Joëlle DUPONT