

National Institute of Research
and Development for Biology
and Animal Nutrition Balotesti



9th International Symposium of Animal Biology and Nutrition

September 23rd-24th, 2010

9th INTERNATIONAL SYMPOSIUM OF
ANIMAL BIOLOGY AND NUTRITION

23-24 September, Bucharest, Romania

Organizing Committee



**INCDBNA
BALOTESTI**

*Prof. Dr. Horia Grosu
Dr. Catalin Dragomir
Dr. Elena Ghita
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Arabela Untea
Gabriela Cornescu
Dr. Rodica Pelmus
Mihai Roman*

If you have problems or need assistance, don't hesitate to contact us on the following phones:

for general issues: Catalin DRAGOMIR – 0722 204 595

for accommodation: Cristina LAZAR – 0728193617

If dialing from abroad use 0040 722 204 595 and 0040 0728193617, respectively

**9th INTERNATIONAL SYMPOSIUM OF
ANIMAL BIOLOGY AND NUTRITION**

23-24 September, Bucharest, Romania

Scientific Programme



Final Programme

September 23*

09.00 – 09.30 REGISTRATION

09.30 – 10.00 WELCOMING WORDS

- National Research & Development Institute for Animal Biology and Nutrition
- Ministry of Agriculture and Rural Development,
- Academy of Agricultural Forestry Sciences,
- National Authority for Scientific Research,
- University of Agricultural Sciences and Veterinary Medicine Bucharest
- Romanian Academy

10.00 – 11.20 PLENARY PRESENTATIONS

Moderators: JOVANKA LEVIC, HORIA GROSU

- *Horia GROSU (INCDBNA, Romania)*
INCDBNA – forty years of research in biology and nutrition of farm animals – achievements and perspectives
- *Rafael MRODE (SAC, UK)*
National and international genetic evaluation for dairy and beef cattle: past, present and future
- *Pascal A. OLTENACU (Oklahoma State Univ., USA)*
European Food Safety Authority (EFSA) missions, with particular emphasis on the activities of Animal Health Animal Welfare (AHAW) scientific panel
- *Alexandru T. BOGDAN (INCE/AR, Romania)*
Forecasting for animal sciences and agrifood production in the period 2010-2100

11.20 – 11.45 COFFEE BREAK

11.45 – 14.00 ATELIER SCIENTIFIQUE (WORKSHOP)

*“L’impact de l’alimentation des animaux de ferme sur la santé animale et humaine”** (“The impact of farm animal nutrition on animals and human health”**)*

Moderators: IONELIA TARANU, CATALIN DRAGOMIR

- *Jean Paul LALLES (INRA Rennes, France)*
Intestinal alkaline phosphatase, diet and health
- *Dominique BAUCHART (INRA Clermont, France):*
Compared impact of lipid supplements on the nutritional quality of muscle fatty acids in normand and blond d'aquitaine cull cows.
- *Denys DURAND (INRA Clermont Ferrand, France):* **Lipoperoxidation in cattle: consequences on animal health and meat nutritional quality**
- *Catalin DRAGOMIR (INCDBNA, Romania)*
Subacute rumen acidosis (SARA) – prediction and prevention
- *Bertrand GRENIER (INRA Toulouse, France):*
Individual and combined effects of low doses of deoxynivalenol and fumonisins in piglets

* The symposium is co financed by the **Romanian Ministry of Agriculture and Rural Development – Project Management Unit**, through MAKIS project and by the **National Authority for Scientific Research**, through the “scientific manifestation” program.

** L’atelier franco-roumain cofinance par l’**Ambassade de France en Roumanie** / the workshop is cofinanced by the French Embassy in Romania.

- *Daniela MARIN (INCDBNA, Romania):*
Comparative effects of zearalenone and its metabolites on the proliferation and activity of swine cells involved in the acquired immune response
- *Cristina TABUC (INCDBNA, Romania):*
Production and purification of deoxynivalenol produced by the highly toxinogenous *Fusarium graminearum* strain

14.00 – 15.00 LUNCH (Ramada Parc - Casa Doina restaurant)

15.00 – 17.00 PARALLEL SCIENTIFIC SESSIONS – A

Moderators: DOMINIQUE BAUCHART, JEAN PAUL LALLES

- *Vasco CADAVEZ (IPB, Portugal)*
Impact of measurement errors on alternative predictors of lean meat proportion of lamb carcasses
- *Sema YAMAN (Lalahan Res. Institute, Turkey)*
Effect of storage method and forage dry matter on fermentation characteristics, aerobic stability of alfalfa ensiled in round bales
- *Arabela UNTEA (INCDBNA, Romania)*
The effects of dietary oregano (*Origanum Vulgaris*) inclusion in weaned piglets diet on iron excreta, absorption, and iron status
- *Demir ERGUN (Balikesir University, Turkey)*
Whole barley-diluted diets in broilers and its economy
- *Radu BURLACU (USAMV Buc., Romania)*
Mathematical model for optimising poultry diets
- *Teodora POPOVA (Kostinbrod, Bulgaria)*
Oxidation of lipids and proteins in m. Longissimus dorsi during storage and thermal heating in Limousin crossbred calves
- *Vasco CADAVEZ (IPB, Portugal)*
Predicting the carcass composition of lambs by a simultaneous equations model

15.00 – 17.00 PARALLEL SCIENTIFIC SESSIONS – B

Moderators: Pascal A. OLTENACU, Rafael. MRODE, IHSAN SOYSAL

- *Rafael MRODE (SAC, UK)*
A preliminary analysis of test day data for production traits in Romanian Holstein using a random regression model
- *Gheorghe SANDU (EO, Romania)*
Possibilities to substitute the selection by independent levels with indirect selection
- *Horia GROSU (INCDBNA, Romania)*
A new selection index to improve the pure lines of laying hens
- *Raluca MATEESCU (Oklahoma State Univ., USA)*
Genetic markers for milk production and breeding-out-of season in sheep
- *Meral KEKEÇOĞLU (Düzce University, Turkey)*
Genetic diversity of honey bee ecotypes in turkey based on microsatellites
- *Meral KEKEÇOĞLU (Düzce University, Turkey)*
Honey bee biodiversity in western black sea and evidence for a new honey bee ecotype in Vişilca province

17.00 – 17.30 COFFEE BREAK

17.30 – 17.45 Douglas McARTHUR (CASP, Canada)
CASP in Romania - opportunities for collaboration with the animal research units in order to promote the centers of excellence'

17.45 – 18.30 POSTER SESSION
Moderators: VASCO CADAVEZ RODICA D. CRISTE, SEMA YAMAN

19.00 – 22.00 TRANSFER TO THE RESTAURANT & OFFICIAL DINNER
(Buses for transfer to the restaurant leave at 19.00 and returns at Ramada Parc Hotel at 21.30, 22.00 and 22.30)

September 24

09.30 – 10.00 WELCOME COFFEE

10.00 – 12.00 **FP7 FEED TO FOOD PROJECT – presentations (open access)**
Moderators: JOVANKA LEVIC, CATALIN DRAGOMIR

- *Jovanka LEVIC (FINS, Serbia)*
The use of tracer in determining cross contamination of medicated feeds
- *Alexandra KIRCHNER (IFF, Braunschweig, Germany)*
Liquid addition to feeding stuff powders as an aspect of feed quality and safety
- *Veronica CHEDEA (INCDBNA, Romania)*
Grape seed polyphenolic extracts-antioxidant and cytotoxic activity
- *Violeta JUSKIENE (IAS-LUHS, Lithuania)*
The effect of albuminous feedstuffs in the diets on the pig growth intensity and meat quality

12.00 – 13.00 LUNCH

September 24-26 – Post-symposium excursion (optional; 150 euro/person)

Practical issues:

- Registration fee **100 euro** (or **400 lei**) will be sent into the accounts RO98RNCB0091005021600016 (**for euro**) or RO18RNCB0091005021600001 (**for lei**) opened at Romanian Commercial Bank, Otopeni branch (Banca Comerciala Romana, Agentia OTOPENI), **mentioning “for the 2010 symposium” and your name**. Alternatively, it can be paid in cash at the registration desk where the invoices & receipts will be also provided.
- Simultaneous translation (headphones) will be provided
- The contributors are kindly asked to send their contributions as Power Point presentations until September 20th.
- The participants should confirm their participation no latter than September 20th by e-mail (symposium@ibna.ro), fax (0040-21-3512084) or phone (0040-21-3512084).

9th INTERNATIONAL SYMPOSIUM OF
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23-24 September, Bucharest, Romania

Accommodation

Symposium Venue



Bucharest, 3-5 Poligrafiei Boulevard

Ramada Parc Hotel (www.ramadabucharestparc.ro) offers quiet refuge from the city while still convenient to it. Within the vicinity of the rich and green Herastrau Park, near the Village Museum and Romexpo Fair Complex, Hotel Park is only a 10 minute drive from the center of Bucharest, and 15 minutes from Otopeni Airport

More practical information about Bucharest you can find at:

<http://www.strazibucuresti.ro/harta-bucuresti-3d.html>

<http://arts-culture.bucharest-guide.ro/monuments.htm>

List of recommended hotels

Hotel	Area	Contact details	Info	Orientative Rates*
Ramada Bucharest Parc Hotel **** (Symposium Venue)	Near Herastrau park, very close of Presei Square	Hotel address: Bucharest, Blvd. Poligrafiei, 3-5, Romania Phone: +40215492000 +40213152000 Fax:+40215492330 Website: www.ramadabucharestparc.ro Email: reservations@parchotel.ro	breakfast included, minibar, room service internet (ground floor), and air conditioning	73 € Superior single room 83 € Bussines class single room 88 € Superior double room 98 € Bussines class double room
Euro Hotels International POLIZU ***	near North train station and Victoriei Square	Address: Gheorghe Polizu 4, sector 1, Bucharest, postal code 011062 Reservation Phone: +40 21 3179970 +40 21 3179971...75 Fax: +40 21 3168360 Website http://www.euro-hotels.ro/engleza/index.htm (choose POLIZU section) E-mail: reservations@euro-hotels.ro	breakfast included, minibar, international phone, Internet, cable TV and air conditioning	65 € - standard room, single 75 € - standard room, double 80 € - studio, single 90 € - studio, double 100 € - apartment, single 110 € - apartment, double
Euro Hotels International TRIUMF ***	near Casin church / Herastrau park	Address: Blvd. Maresal Averescu 32-34, sector 1, Bucharest, postal code 011455 Reservation phone: +40212244363 Phone: +40 21 224 5496 +40 21 224 5497 Fax: +40 21 224 5554 Website http://www.euro-hotels.ro/engleza/index.htm (choose TRIUMF section) E-mail: reservations@euro-hotels.ro	breakfast included, minibar, international phone, Internet, cable TV and air conditioning	65 € - standard room, single 75 € - standard room, double 80 € - studio, single 90 € - studio, double 100 € - apartment, single 110 € - apartment, double
Apartments (hotels-like no reception desk)	in the city center: University Square, Victoria Square, Romana Square	Phone: +40727.577.777 Website: http://www.apartment.ro/ (choose English section) E-mail: office@apartment.ro	Check facilities for each room on the net (usually :air conditioning T.V., etc (see English section)	Prices range: 24-35 € - Studio 30-45€ - 2 rooms apartment 49-70 € - 3 rooms apartment

Note: We offer to make reservations for you, in this case please let us know the arrival / departure dates and type of room you want. If you prefer to book you rooms directly to the hotel or to accommodate elsewhere, please let us know.

**9th INTERNATIONAL SYMPOSIUM OF
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**23-24 of September, Bucharest,
Romania**

Danube Delta Trip



**24-26
September**

With this trip, we will offer you the possibility to see one of our national treasures. Just before reaching the sea the Danube forms the second largest and best preserved of Europe's deltas: 2,200 square miles of rivers, canals, marshes, tree-fringed lakes and reed islands. The Danube Delta is a wildlife enthusiast's (especially a bird watcher's) paradise.

TRIP TO THE DANUBE DELTA

(24-26 September)

The **Danube Delta** is the second largest river delta in Europe, after the Volga Delta, and is the best preserved on the continent. The greater part of the Danube Delta lies in Romania (Tulcea county), while its northern part, on the left bank of the Chilia arm, is situated in Ukraine (Odessa Oblast). The approximate surface is 4152 km², of which 3446 km² are in Romania. The Danube Delta falls within east European steppe ecosystem, with Mediterranean influences.

As a young region in full process of consolidation, the Danube Delta represents a very favorable place for the development of highly diverse flora and fauna, unique in Europe, with numerous rare species. (more details on:

http://en.wikipedia.org/wiki/Danube_Delta)



PRICE OF THE EXCURSION: 150 EURO / person

(to be paid before departure)

The schedule of the trip

September, 24: Departure from Bucharest at 13⁰⁰ h to Murighiol (Tulcea County). Arrival at Murighiol at 19⁰⁰h, boat transfer to Uzlina. Accommodation and dinner in Tamarin hostel.

September, 25: Boat trip into the Danube Delta: visit of the natural Reservation (3 h). Accommodation and breakfast, lunch and dinner in Tamarin hostel.

September, 26: Visit of the surroundings. Breakfast and lunch in Tamarin hostel. 14⁰⁰ h - departure to Bucharest

