



April 2011

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Important IGA News

IGA has changed to “.COM” -- www.iga-goatworld.com

We are aware that for most of February and part of March our friends had difficulty accessing the IGA website. This was due to a technical problem with our domain name which had not been renewed by our register. We are happy to inform you that the IGA website is available again and fully up to date.

You can find us at our new address: www.iga-goatworld.com. Please make sure that you register the change in your list of favorite sites. Also update any links you might have from your site to ours.

Through our site, we will regularly inform you about our activities, our projects and about the **XIth**

Conference on Goats in Canary Islands.

Beware: The past address www.iga-goatworld.org has no connection with IGA and is fake site. Please ignore this address. If you don't see our logo, then it is not our site.

As always, we are at your disposal if you have any questions.

Other social networking sites
Many of you have joined us on [FACEBOOK](https://www.facebook.com/). Thank you for being part of our community. If Facebook isn't for you, we are also on: [@IntlGoatAssoc](https://twitter.com/IntlGoatAssoc) and [LINKEDIN](https://www.linkedin.com/).

We hope that you will join the IGA on one or all of these social networking sites, and help us create a more open and connected goat community.

IGA membership

If you haven't renewed your membership for 2011, then please **[download a membership application](#)** (go to <http://www.iga-goatworld.com/attachment/243973/>). Fill it out and mail, e-mail, or fax it back to me as soon as possible.

2011 OFFICIAL MEMBERSHIP APPLICATION
MEMBERSHIP YEAR
2011 2012 2013 2014
(Check applicable box or boxes)

PERSONAL INFORMATION (Please type to ensure accuracy)

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IGA MEMBERSHIPS
UN-Human Development Index countries above .500
 \$47.50 USD per year -- one year IGA membership* without the Journal
 \$47.50 USD per year -- one year membership* with the official Journal of the IGA, Small Ruminant Research
UN-Human Development Index countries below .500
 \$22.50 USD per year -- one year IGA membership* without the Journal
 \$42.50 USD per year -- one year IGA membership*, including Small Ruminant Research
*All IGA memberships include online access to Small Ruminant Research and are from January to December.

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If you have further questions, please contact iga@igad.org or call 1-801-454-6640. Be sure to visit our website at www.iga-goatworld.com for more member information.

Signature: _____ Date: _____

Social Networking Report

Hopefully you know that we have created a [Facebook](https://www.facebook.com/) page. We also have a Twitter account ([@IntlGoatAssoc](https://twitter.com/IntlGoatAssoc)), and recently we created a [LinkedIn](https://www.linkedin.com/) account for IGA.

We have started various discussion forums on both Facebook and LinkedIn, which are open to all who would like to add topics of interest regarding goats.

These sites are helping to raise people's awareness of IGA and goats. From March-April on Facebook:

- 180 people liked IGA,
- We had 7,350 post views, an increase of 79% when compared to February-March.
- There was a huge increase in feedback (*feedback is likes or comments when something is posted on the IGA page*) from these posts. **In March we had 58 post feedbacks, a 1,060% increase.**

Please encourage your friends and colleagues to join us.



IDF International Symposium on Sheep, Goat and other non-Cow Milk, 16-18 May 2011, Athens, Greece

The IDF International Symposium on Sheep, Goat and other non-Cow Milk will take place in Athens, Greece from 16 to 18 May 2011. This event will be hosted at the Classical – Athens Imperial Hotel (Karaiskaki Square, Athens, 104 37).

Visit the symposium website, go to: <http://idfsheepgoatmilk2011.aua.gr>

The symposium is the central element of the IDF Dairy Science and Technology Week 2011, which also comprises several IDF business meetings of the IDF Science and Programme Coordination Committee and IDF Standing Committees, including the IDF Standing Committee on Dairy Science and Technology and the IDF Standing Committee on Animal Health, and Action Teams.

Objectives of the Symposium:

The overall objective of the Symposium is to provide a renewed vision of knowledge on husbandry and milk production, technology, chemistry, physics, microbiology and nutrition and to highlight the significance of markets and appropriate policies as they have evolved since 2007. The event is addressed to scientists and other professionals involved in the sheep's, goats' and other non-cows' dairy sectors including milk producers, dairy processing industry, trade associations, academia, research institutes, and governments.

Specific objectives:

Create an opportunity to exchange ideas and strengthen existing links between countries involved with sheep's, goats' and other non-cows' dairy production, between international organizations and

institutes concerned with production, processing and nutritional qualities of sheep's, goats' and other non-cows' milk products.

Enhance contact and communication between scientists and technologists, producers and manufacturers, nutritionists and analysts.

Stimulate improvement in the quality of the raw materials and the products and promote the expansion of existing and development of new markets.

Improve knowledge of the requirements of international markets concerning quality, safety, regulations and economics to assist the sectors to achieve these outcomes.

Lead to an improved image for the traditional products and to the development of new products and new markets.

Structure of the event:

The Symposium will consist of sessions devoted to the subject areas mentioned above. The Programme Committee will invite keynote speakers to present major review papers at the start of each session. Additional speakers will be selected from amongst the respondents to a call for paper abstracts evaluated suitable for oral presentation. Poster sessions will be organized in order to complement the conference sessions and to enable a large number of specialists to present the result of their work in this field.



IDF International Symposium on Sheep, Goat and other non-Cow Milk

IDF Dairy Science and Technology Week, 2011

Organized by the IDF National Committee of Greece
Hellenic Milk and Meat Organization
Under the auspices of the Hellenic Ministry of
Rural Development and Food and IDF

Announcement



Furthermore, technical tours have been arranged and participants are invited to visit traditional dairies in the region of Athens and to participate in social tours and events during the Symposium. IDF business meetings will take place in conjunction with the symposium to complete the IDF Dairy Science and Technology Week 2011. IDF will notify the members of the respective IDF Science and Programme Coordination Committee, IDF Standing Committees and Action Teams with relevant meeting information, working documents and registration details separately. Symposium participants who are interested in observer participation at IDF business meetings are advised to contact the IDF Head Office: jseifert@fil-idf.org.

Keynote Speakers

Session 1: Social, economical & environmental aspects

Continued on page 5

Recent Interesting Articles

Impacts of soil damage by grazing livestock on crop productivity

Soil and Tillage Research, Volume 113, Issue 1, May 2011, Pages 19-29

Lindsay W. Bell, John A. Kirkegaard, Antony Swan, James R. Hunt, Neil I. Huth, Neil A. Fettell

Research highlights

- Grazing livestock impacts on soil structure are generally shallow and transient.
- Livestock impacts rarely affect subsequent crop growth or yield experimentally.
- We simulated effects of reduced infiltration and root growth on crop productivity.
- Typical soil damage reduced simulated grain yield by less than 10%.
- Severely reduced infiltration and root growth required to greatly reduce crop yield.

Contents

Veterinary Immunology and Immunopathology, Volume 140, Issues 3-4, 15 April 2011, Pages 346-348

Contents

Theriogenology, Volume 75, Issue 6, 1 April 2011, Pages iii-iv

Long term stability of a recombinant Plasmodium falciparum AMA1 malaria vaccine adjuvanted with Montanide[®] ISA

720 and stabilized with glycine Vaccine, In Press, Uncorrected Proof, Available online 25 March 2011

Daming Zhu, Holly McClellan, Weili Dai, Elizabeth Gebregeorgis, Mary Anne Kidwell, Joan Aebig, Kelly M. Rausch, Laura B. Martin, Ruth D. Ellis, Louis Miller, Yimin Wu

Lymphocyte subpopulations in blood and duodenal epithelium of

broilers fed diets contaminated with deoxynivalenol and zearalenone

Animal Feed Science and Technology, In Press, Corrected Proof, Available online 24 March 2011

M. Levkut, V. Revajova, Z. Slaminkova, M. Levkutova, R. Borutova, L. Gresakova, L. Leng

Methane yield of oat husks

Biomass and Bioenergy, In Press, Corrected Proof, Available online 24 March 2011

Sigrid Kusch, Britt Schumacher, Hans Oechsner, Winfried Schäfer

Highlights

- When using oat husks as litter material, manure is suited for AD.
- The total methane potential of oat husks is close to 250 L_N per kg VS (added).
- Methane potential of oat husks is on the level of straw.
- With solid manure, litter can have highest contribution to overall biogas production.

Extract of Cyclosorus acuminatus attenuates diabetic nephropathy in mice via modifying peroxisome proliferators activated receptor signalling pathway

Original Research Article

Food Chemistry, In Press, Accepted Manuscript, Available online 24 March 2011

Jinglou Chen, Yongfang Lei, Yujie Liu, Chaomei Xiong, Wei Fu, Jinlan Ruan

Highlights

- Renoprotective nature of *Cyclosorus acuminatus*.
- *Cyclosorus acuminatus* attenuated the oxidative stress.
- *Cyclosorus acuminatus* inhibited the NFκB-dependent inflammatory response.

- *Cyclosorus acuminatus* modulated the VEGF-NO signalling pathway.
- *Cyclosorus acuminatus* up-regulated the renal expressions of PPARα and PPARγ.

MRI findings, surgical treatment and follow-up of a myelomeningocele with tethered spinal cord syndrome in a cat

Journal of Feline Medicine & Surgery, In Press, Corrected Proof, Available online 24 March 2011
Emanuele Ricci, Giunio B Cherubini, Samuel Jakovljevic, Francesco Aprea, Carlo Cantile

Sesbania sesban as a fodder tree in Ethiopian livestock farming systems: Feeding practices and farmers' perception of feeding effects on sheep performance

Livestock Science, In Press, Corrected Proof, Available online 24 March 2011

S.J. Oosting, A. Mekoya, S. Fernandez-Rivera, A.J. van der Zijpp

Inactivated and live, attenuated influenza vaccines protect mice against influenza: Streptococcus pyogenes super-infections

Vaccine, In Press, Uncorrected Proof, Available online 24 March 2011

Michael S. Chaussee, Heather R. Sandbulte, Margaret J. Schuneman, Frank P. DePaula, Leslie A. Addengast, Evelyn H. Schlenker, Victor C. Huber

Control of cryptosporidiosis in neonatal goat kids: efficacy of a product containing activated charcoal and wood vinegar liquid (Obioneck[®]) in field conditions

Veterinary Parasitology, In Press, Accepted Manuscript, Available online 24 March 2011

Recent Interesting Articles (continued from page 7)

C. Paraud, I. Pors, J.P. Journal, P. Besnier, L. Reisdorffer, C. Chartier

Increased cleavage and blastocyst rate in ewes treated with bovine somatotropin 5 days before the end of progestin-based estrous synchronization

Animal Reproduction Science, In Press, Accepted Manuscript, Available online 23 March 2011

A. Montero-Pardo, J. Hernández-Cerón, S. Rojas-Maya, J. Valencia, A. Rodríguez-Cortez, C.G. Gutiérrez

Toll-like receptors and their role in animal reproduction

Animal Reproduction Science, In Press, Accepted Manuscript, Available online 23 March 2011

T.R. Kannaki, M. Shanmugam, P.C. Verma

Co-composting of physic nut (*Jatropha curcus*) deoiled cake with rice straw and different animal dung

Bioresource Technology, In Press, Accepted Manuscript, Available online 23 March 2011

Manab Das, H.S. Uppal, Reena Singh, Shanuja Beri, K.S. Mohan, C. Vikash Gupta, Alok Adholeya

Use of material flow accounting for assessment of energy savings: A case of biomass in Slovakia and the Czech Republic

Original Research Article

Energy Policy, In Press, Corrected Proof, Available online 23 March 2011

Radoslava Kanianska, Tatiana Gušťaříková, Miriam Kizeková, Jan Kovanda

Research highlights

- The material and energy flow accounting approaches for biomass were applied.
- In Slovakia, 3544 kt/yr of the total unused biomass is

available.

- In the Czech Republic, 6294 kt/yr of the total unused biomass is available.
- Such biomass could be used for energy production and thus reduce CO₂ emissions.

Heterogeneity of Macrophage Populations and Expression of Galectin-3 in Cutaneous Wound Healing in Rats

Journal of Comparative Pathology, In Press, Corrected Proof, Available online 23 March 2011

V. Juniantito, T. Izawa, E. Yamamoto, F. Murai, M. Kuwamura, J. Yamate

Microtubule associated protein 2 and choline acetyltransferase immunoreactivity in the lumbar spinal cord of young adult and aged dogs

Research in Veterinary Science, In Press, Corrected Proof, Available online 23 March 2011

I.K. Hwang, D.Y. Yoo, K.-Y. Yoo, J.H. Choi, H.J. Lee, C.H. Lee, S.M. Moon, Y.L. Lee, H.-C. Shin, M.-H. Won

Goat systems of Villuercas-Ibores area in SW Spain: Problems and perspectives of traditional farming systems

Small Ruminant Research, In Press, Corrected Proof, Available online 23 March 2011

P. Gaspar, A.J. Escribano, F.J. Mesías, M. Escribano, A.F. Pulido

Benefits of pregnant sheep immunostimulation with *Corynebacterium cutis* on post-partum and early newborn's life IgG levels, stillbirth rate and lamb's weight

Small Ruminant Research, In Press, Corrected Proof, Available online 23 March 2011

Özge Turna Yılmaz, Güven Kaşıkçı,

Mehmet Can Gündüz

The Role Of Protective And Probiotic Cultures In Food And Feed And Their Impact In Food Safety

Trends in Food Science & Technology, In Press, Accepted Manuscript, Available online 23 March 2011

Francesca Gaggia, Diana Di Gioia, Loredana Baffoni, Bruno Biavati

Induction of protective immunity against *Eimeria tenella* infection using antigen-loaded dendritic cells (DC) and DC-derived exosomes

Vaccine, In Press, Uncorrected Proof, Available online 23 March 2011

Emilio del Cacho, Margarita Gallego, Sung Hyen Lee, Hyun Soon Lillehoj, Joaquin Quilez, Erik P. Lillehoj, Caridad Sánchez-Acedo

Development of $\gamma\delta$ T cell subset responses in gnotobiotic pigs infected with human rotaviruses and colonized with probiotic lactobacilli

Veterinary Immunology and Immunopathology, In Press, Accepted Manuscript, Available online 23 March 2011

Ke Wen, Guohua Li, Wei Zhang, Marli S.P. Azevedo, Linda J Saif, Fangning Liu, Tammy Bui, Ahmed Yousef, Lijuan Yuan

Pragmatic tolerance: Implications for the acquisition of informativeness and implicature

Cognition, In Press, Corrected Proof, Available online 22 March 2011

Napoleon Katsos, Dorothy V.M. Bishop

Plasma membrane localization of the type I H⁺-PPase AVP1 in sieve element-companion cell complexes from *Arabidopsis thaliana*

Plant Science, In Press, Accepted

Recent Interesting Articles (continued from page 8)

Manuscript, Available online 22 March 2011

Julio Paez-Valencia, Araceli Patron-Soberano, Alejandra Rodriguez-Leviz, Jonathan Sanchez-Lares, Concepcion Sanchez-Gomez, Pedro Valencia-Mayoral, Guadalupe Diaz-Rosas, Roberto Gaxiola

Synthesis, cloning, and expression of *Mycoplasma suis* inorganic pyrophosphatase gene using PCR-based accurate synthesis and overlap-extension PCR, and its immunogenicity analysis
Research in Veterinary Science, In

Press, Corrected Proof, Available online 22 March 2011

Jianzhu Liu, Ziqiang Cheng, Dong Zhou, Li Zhang, Zhengui Yan, Zhenyong Wang, Dubao Yang, Yongxia Liu, Tongjie Chai

IDF International Symposium (continued from page 2)

- *The sustainability challenge to the dairy sector– the growing importance of non-cattle milk production worldwide*, Bernard Faye, CIRAD-Centre de coopération Internationale en recherche agronomique pour le développement (FR)
- *Greenhouse gas emissions from small ruminants in Greece*, George Zervas, Agricultural University of Athens (GR)
- *Importance of the traditional sheep and goat dairy products for the Greek economy*, Efstathios Alichanidis, Aristotle University of Thessaloniki (GR)

Session 2: Raw milk

- *Influence of breed and diet on the composition of ewe and goat milk and milk products and related nutritional and sensorial properties*, Giovanni Piredda, AGRIS Sardegna (IT)
- *Assessment of authenticity of ovine and caprine milk dairy products*, Golfo Moatsou, Agricultural University of Athens (GR)

Session 3: Processing and products

- *Innovation in technology for processing sheep and goat milk and dairy products*, Antonio-José Trujillo, Universitat Autònoma de Barcelona (SP)
- *Composition and properties of*

the colloidal phase of buffalo and camel milk in relation to processing, Mohamed H. Abd El-Salam, National Research Center (EG)

Session 4: Characteristics and nutritional value of ewe, goat and other non-cow milk and milk products

- *Allergy to goat and ewe milk: present aspects and issues*, Denise Anne Moneret-Vautrin, University Nancy I (FR)
- *Equine milk for human consumption*, Elisabetta M. Salimei, Università degli Studi del Molise (IT)

Proceedings for the ISDA 2010 conference are available online

How to better achieve sustainability?

These 200 contributions from more than 65 countries bring insight on innovating experiences, new forms of innovation systems, interesting methods, and discuss the changing role of research.

The proceedings of the ISDA are available online: <http://hal.archives-ouvertes.fr/ISDA2010>

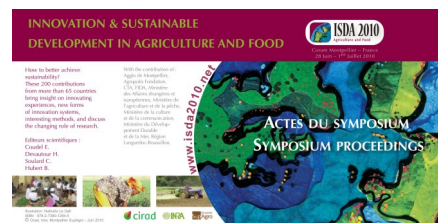
English language:

http://hal.archives-ouvertes.fr/view_by_stamp.php?label=ISDA2010&action_todo=hom

[e&langue=en](#)

List of Subjects:

- Chemical Sciences
- Cognitive ScienceComputer Science
- Engineering Sciences
- Environmental Sciences
- Humanities and Social Sciences
- Life Sciences
- Mathematics
- Nonlinear Sciences
- Physics
- Quantitative Finance
- Sciences of the Universe
- Statistics



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