



- Fostering the use of goats to provide for the needs of humankind
- Encouraging research with and development of goats to increase their productivity and usefulness throughout the world.
- Perpetuating the International Conferences on Goats

IGA Newsletter

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May 1999



Left: Members of the IGA Board met with the French Organizing Committee in Tours, France in early March to complete planning for the 7th International Conference on Goats. Left to right: Jean Boyazoglu, Adel Aboul Naga, Rosalee Sinn, Lucas Gruner, Pierre Morand-Fehr, Roberto Rubino. Right: Jean Boyazoglu, past president of IGA received the L'Ordre du Merite Agricole award in Paris on March 2, 1999.

7th International Conference on Goats -- May 15-20, 2000—Tours, France

The final announcement of the 7th ICG is now available. The following Symposia Sessions are scheduled: Goats and Sustainable Development, Technology Transfer, Transgenesis, North-South Relationships, Nutrition and Feeding Strategies, Genetics and Selection, Pathology, Quality of Milk and Dairy Products, Production Systems, Reproduction, Economic and Social Issues, Meat, Hair and Skin Products. There will be Round Tables on the following subjects: Contribution of Women in Goat Production, Goat Genome, Udder and Milking Capacity, Detection and Prevention of Mastitis, Goat Farming and the Environment, Integrated Control of Nematode Parasites, Detection and Prevention of CAEV, Meat Goat Production in the Tropics and Sub-Tropics, Maine diseases in hot climates, Quality of Milk and Dairy Products, Goat Milk as Health Food, Organization of Research on Goats, Genetic Resources:

Present Use and Prospects, Publishing Research Results, Effects of European Sanitary Policy on Dairy Farms and Products, Feed Strategies in Difficult Areas.

The Technical Visits and Satellite Symposia in Poitou-Charentes area will provide the opportunity to visit goat farms in the area, see cheesemaking operations and explore such subjects as gamet and embryo preservation and organization and development of a local goat industry.

Submission of papers is due by September 30, 1999. For more information write Dr. Lucas Gruner, 7th ICG Scientific Local Committee, Secrétaire général scientifique INRA, F-373380 Nouzilly, France. Fax: 33 2 47 42 7774 E-mail: gruner@tours.inra.fr

IGA Board Meetings

Zurich, Switzerland

Wednesday, August 25, 1999 -- 7:00 p.m.

(During 50th Anniversary Meeting EAAP)

Tours, France

(During 7th ICG)

Sunday, May 14, 2000 — 10:30 a.m. to 5:00 p.m.

IGA Board Meeting - current members

Sunday, May 14, 2000 — 8:00 p.m.

IGA Reception for current and to be elected

Board Members and Accompanying Persons

Thursday, May 18, 2000 - 2:00 p.m. to 4:00 p.m.

IGA Board Meeting - current and newly elected

Board Members



France offers memorable sightseeing in Paris and the countryside.

A Membership Meeting will be held during the 7th ICG. Date and time will be announced.

MEMBERSHIP, MEMBERSHIP AND MEMBERSHIP -- Christopher D. Lu, Membership Chairperson

As we approach the new millennium, we realize that the IGA has been in existence for almost three decades. While the objectives of IGA: Fostering the use of goats, promoting research, perpetuating international conferences and sponsoring a scientific journal remain the same, the needs to maintain a viable association have never been greater. While IGA is an important and recognizable organization in the world, it largely depends on the dedication of a few volunteer members for the maintenance of its viability. We have moved forward in many fronts, including the conference and journal, yet we still have to impact the global community in a larger scale.

In the past, IGA has been able to progress under financial and human resource constrains because of the admirable volunteerism of a few, the vision of the founding members, and the generous assistance from Heifer Project International. It has come a long way since the 70's. However, much more needs to be done to meet the many challenges of the future. In my opinion, broader participation of membership holds the key to the future success of IGA.

During the past several years, many new initiatives have been implemented to encourage the participation of membership and to facilitate membership growth. These include: 1) Expand the membership categories to include individual, sustaining and organization memberships. The IGA hopes to appeal to a wider audience by meeting their needs more specifically. 2) Establish various committees to allow more participation of regular members. 3) Appoint country representatives in more than twenty countries. The Country Representatives have unique opportunity and responsibility to facilitate the growth of membership. They also can further enhance the objectives of the Association.

The IGA needs more members to come forward and volunteer themselves to achieve the following goals:

- (1) Identification of experienced and competent individual to design, operate, and maintain a web site. We hope that someday we can have the capability of on-site registration of membership.
- (2) Identification of dedicated members to serve as country representatives in countries that are not currently represented.
- (3) Promotion of registration and participation of the 7th International Conference on Goats to be held in Tours, France during May 15-19, 2000.
- (4) Contribution to the IGA Newsletter. We need more news from the members.

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Additional names pending

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Special French Goat Cheeses will be featured during the 7th ICG, as well as cheeses from other countries

Small Ruminant Research Annual Report 1998 - M.H. Fahmy, Editor-in-Chief

In 1998 we received 191 papers compared to 216 for 1997. Ninety-one were received between January 1 and June 30, and 100 between July 1 and December 31. Fahmy received 134 papers and George Haenlein 57. Of these 52 were processed, 17 accepted and 35 rejected. The origin of the papers is presented in table 1.

Geographic area	No in 1998	Countries with most numbers (numbers in brackets)	
Africa	32	Nigeria (9)	Ethiopia (4)
Asia	47	India (27)	Iran (4)
Europe	37	Greece (6)	Spain (5)
Middle East	13	Egypt (4)	Iraq (3)
North America	35	USA (17)	Mexico (10)
Oceania	8	Australia (7)	NZ (1)
South America	19	Brazil (6)	Uruguay (4)

The disciplines of the submitted paper were:

=====	
Behavior	02
Breeding/Genetics	20
Health	34
Nutrition	52
Physiology	42
Production	40
Systems	01
=====	

87 papers dealt with goats, 87 with sheep, 5 with both sheep and goats, 3 with deer, 1 with alpaca and 8 with ruminants in general.

The papers were distributed among the associate editors as follows:

=====			
Fahmy	39	Galal	22
Greyling	30	Haenlein	23
Miltos	21	Sahlu	23
Sherman	29	Returned	04
=====			

Of the 217 papers received in 1997, 76 were accepted, 60 rejected and 81 are still in process. Sixteen papers submitted in late 1996 are still in process. So in total there are 236 papers still in the pipeline.

We received so far 3 contributions for the special issue on Boer and Dorper breeds. The deadline was the end of December, so we expect the bulk of the paper in January and February.

IGA Membership/Subscription Application

Send this application to Rosalee Sinn, Secretary-Treasurer, IGA, 1015 Louisiana Street, Little Rock, AR 72203 USA or fax to 501-907-2602 or send information on email (including credit information) to Dansingoat@aol.com

This form can be used by anyone wishing to join the International Goat Association (IGA). If you are already a member, please encourage others to join.

Name of applicant _____

Address _____

City _____ State _____ Zip _____

Country _____

Phone _____ Fax _____ E-mail _____

Female ____ Male ____ (optional)

Organization _____ Position _____

	1999	2000
_____ Member without subscription to <i>Small Ruminant Research Journal</i> \$35.00 annually	_____	_____

_____ Member with subscription to <i>Small Ruminant Research Journal</i> \$135.00 annually	_____	_____
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If you are joining for 1999, all past journals will be sent to you.

_____ I wish to pay by check. (enclosed)
Checks should be drawn on a USA Bank.

_____ I wish to pay by _____ VISA _____ MASTERCARD

Name as it appears on card _____

Card Number _____ Exp. Date _____

_____ I am interested in being an IGA Country Representative. Send c.v. and two references.

New Books

Dairy Goat Husbandry Literature 1875 to 1988 A Short History by C. L. Faudell. A unique monograph providing an essential reference for goatkeepers, students and others interested in literature about goats.

Published and Printed by LR Enterprise New Cottage - Lower Redgate - Castle Street, Tiverton - Devon EX16 6RQ - UK

E-mail: pberger@gn.apc.org Cost \$6 US Sterling cheques, US or Canadian \$, make payable to P. Berger.

World Wide Web Addresses:

7th International Conference on Goats

<http://www.tours.inra.fr/TICG>

Heifer Project International

<http://www.heifer.org>

Captitec

<http://www.capritec.com.br/links.htm>

du CIRVAL

<http://www.cirval.asso.fr>

Dairy Goat Journal

<http://www.dairygoatjournal.com>

HEIFER PROJECT INTERNATIONAL HOSTS IGA SECRETARIAT

IGA wishes to express thanks to Heifer Project International for hosting the Office of the Secretary-Treasurer of IGA for a number of years. Rosalee Sinn, Special Assistant to HPI's CEO, is completing her second term as Secretary-Treasurer. Prior to that Robert Pelant, Director for HPI's Asia/South Pacific program served in that role.

World Goat Park Planned for Scotland

Douglas Locke, Project Manager, has announced the establishment of a World Goat Park near Glencoe in the Highlands of Scotland. The park hopes to have a selection of goats from around the world. The center hopes to attract as many as 100,000 visitors a year. The buildings will be constructed to showcase the goats. There will be a visitor' centre covering the period of goat history from 9,000 B.C. to the present day.

Locke said the park will provide a high profile for the goat and encourage people to think more positively about the species and to realize the extent of goats throughout the world. The centre will also feature goat products in the gift shop. For more information contact Douglas Locke, 5 Achindarroch Road, Duror of Appin, North Argyll, PA38 4BS, Scotland or send E-Mail to Dlocke260@aol.com

TUFTS UNIVERSITY AND GENZYME TRANSGENICS CORPORATION
PRODUCE WORLD'S FIRST CLONED TRANSGENIC GOAT
- Research to be published in May issue of Nature Biotechnology -

NO. GRAFTON, Mass. -- In a scientific advance that could lead to mass production of an anti-clotting drug for use in cardiac surgery, scientists at Tufts University School of Veterinary Medicine and Genzyme Transgenics Corporation have produced the world's first cloned transgenic goats. An article detailing the research will be published May 1st in the scientific journal *Nature Biotechnology*.

Born last fall, three identical female goats are able to secrete in their milk a clot-dissolving protein called Antithrombin III (ATIII). Normally found in human plasma, ATIII helps regulate blood clotting. Currently, ATIII is undergoing clinical trials for FDA approval and could be used to treat stroke and heart attack patients.

"The results of this research collaboration could revolutionize the biopharmaceutical industry," said Dr. Eric W. Overstrom, Tufts University developmental biologist whose senior research assistant, Alexander Baguisi, is lead author of the *Nature Biotechnology* article. "What this means is that we now have a method that is a faster, reliable, and more cost effective way to produce complex pharmaceuticals for humans and animals," said Overstrom.

Genetically modified, cloned dairy goats are ideal producers of biopharmaceuticals, because they have a relatively short gestation period (less than five months) and they have high milk yields.

Transgenics, also referred to as genetic modification, is the process of taking the DNA from one species and implanting it into the genetic structure of another. In the Tufts-Genzyme project, cells were derived from a transgenic goat, which tested positive for the human protein ATIII. Those cells, in turn, were processed to clone three new transgenic goats for the first time.

In the process, scientists used a new cloning technology, which promises greater efficiency and higher success rates for cloning animals in the future.

"The significance of this technology is that it reduces the time and the costs to produce many identical transgenic animals that make large quantities of complex proteins like ATIII," Overstrom said.

Collaborating in the transgenic-cloning project was Dr. Yann Echelard, GTC associate director of embryology; Dr. Esmail Behboodi, GTC senior scientist; and Dr. William Gavin, GTC director of veterinary services.

Tufts School of Veterinary Medicine and GTC have been working together since March 1997 to produce cloned, genetically modified goats. The joint research project was supported in part by a \$100,000 grant from the National Institutes of Health.

"This project substantiates Tufts School of Veterinary Medicine's ongoing leadership in animal transgenics and other biotechnologies," said Dr. Philip C. Kosch, dean of the veterinary school, which also produced the first transgenic goat in 1991, "Doing biomedical research that benefits both human and animal health is a key part of our mission."

Tufts University School of Veterinary Medicine is New England's only veterinary school. It has the largest residency-training program in veterinary emergency and critical care in the United States. The school's Center for animals and Public Policy offers the country's only graduate degree in the field of human/animal relationships and related public policies. In addition, the school is world renowned for its signature programs in wildlife medicine and international veterinary medicine.

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Corrections are welcome.

March 11, 1999

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