

3rd IBF TRAINING COURSE ON BUFFALO MANAGEMENT AND INDUSTRY



**INTERNATIONAL
BUFFALO
FEDERATION**

Monterotondo,
Roma, Italy

Rome, May 9-19, 2017

Coordinator

Prof. Antonio Borghese,
IBF General Secretary

Scientific Committee

Antonio Borghese
Antonio Fagiolo
Luca Buttazzoni
Leopoldo Iannuzzi
Federico Infascelli
Tzonka Peeva,
Esterina De Carlo

Organizing Committee

Vittoria Lucia Barile
Antonella Chiariotti
Carmela Tripaldi
Giuseppe Campanile
Remo Rosati
Antonio Borghese

TUESDAY, MAY 9

9.00-13.00	Arrival of participants Accommodation in Life Sport Hotel, Mentana
12.30	Pick up at the hotel
13.30-15.00	Welcome lunch at the Animal Production Research Centre (CREA-ZA), Monterotondo
15.00-15.30	Welcome and Course presentation <i>Prof. A. Borghese</i>
15.30-16.30	Buffalo Livestock and Products in the World <i>Prof. A. Borghese</i>
16.30-17.00	Presentation of the CREA-ZA, <i>Dr. V.L. Barile</i>
17.00-19.30	Visit of CREA-ZA laboratories and farm
19.30	Transfer to the Hotel and dinner

WEDNESDAY, MAY 10

8.30	Pick up at the hotel
9.00-10.30	Buffalo genetic improvement in Italy and molecular research at CREA-ZA <i>Dr. L. Buttazzoni, Dr. B. Moioli, Dr. G. De Matteis</i>
10.30-10.45	Coffee Break
10.45-12.15	Estrous control and Artificial Insemination <i>Dr. V.L. Barile</i>
12.15-13.15	Ultrasonography for evaluation and improvement of reproductive efficiency <i>Dr. G. M. Terzano</i>
13.15-14.30	Lunch in the CREA-ZA with buffalo products

14.30-15.30	Use of agricultural waste to produce biogas and green energy <i>Dr. A. Chiariotti</i>
15.30-16.30	Buffalo meat quality and production <i>Dr. S. Failla</i>
16.30-16.45	Coffe break
16.45-17.15	Mozzarella cheese production in cheese industry <i>Dr. C. Tripaldi</i>
17.15-20.00	Visit of Giancarlo D'Angelo farm and cheese industry
20.00	Transfer to the Hotel and dinner

THURSDAY, MAY 11

8.00	Hotel Check out and bus transfer to IZS, Rome
9.30-9.45	Welcome and presentation of the Animal Prophylaxis Research Institute in Rome <i>Dr. U. Della Marta</i>
9.45-10.45	Buffalo management and diseases <i>Dr. A. Fagiolo</i>
10.45-11.00	Coffee break
11.00-11.30	Biosecurity in Buffalo farms <i>Dr. C. Roncoroni</i>
11.30-12.00	Buffalo parasitic diseases <i>Prof. V. Veneziano</i>
12.00-13.00	Diagnostics of buffalo infectious diseases <i>Dr. G.L. Autorino, Dr. M.T. Scicluna, Dr. A. Battisti, Dr. A. Caprioli</i>
13.45-14.30	Lunch

14.30-16.30 **Control of milk quality and visit to laboratories**
Dr. S. Amatiste, Dr. G. Giangolini, Dr. D. Sagrafoli,
Dr. C. Boselli

16.30-20.00 Transfer to Perugia and visit of Assisi town
Check in and dinner at Hotel Parco dei Cavalieri,
Petrignano di Assisi (Perugia)

FRIDAY, MAY 12

8.30 Hotel Check out and bus transfer to Chiacchierini Centre,
Civitella D'Arna (Perugia)

9.00-9.15 **Chiacchierini Bull Centre**
Welcome address by the owner Dr. A. Chiacchierini

9.15-9.45 **Semen production in a Buffalo Bull Centre**
Dr. G. Colagrande

9.45-10.15 **Official Veterinary Control Procedure adopted in a Buffalo
Bull Center**
Dr. G. Pezzotti

10.15-10.45 **Laboratory methods for pregnancy diagnosis**
Prof. O. Barbato

10.45-11.00 Coffee break

11.00-13.00 **Breeding value. Genetic gain. Optimum breeding plan**
Prof. T. Peeva

13.00-13.15 **Address by the Regional Agricultural Assessor**
Dr. F. Cecchini

13.30-14.30 Lunch

15.00-18.00 Bus transfer to Hotel Excelsior, Latina scalo

20.00 Dinner at the Hotel

SATURDAY, MAY 13

- 8.00 Bus transfer to Latina Animal Prophylaxis Research Institute (ISZ)
- 8.30-9.00 **Presentation of the activities in Latina Section of IZS**
Dr. R. Rosati
- 9.00-10.00 **Prophylaxis for brucellosis and tuberculosis**
Dr. G. Saralli
- 10.00-12.00 **Tour in Perseo cheese industry with practical experiences in milk processing and in mozzarella production**
Dr. T. Zottola, Dr. M.C. Campagna and the owner R. Realacci
- 12.00-13.00 Lunch in the Perseo cheese industry with their products
- 13.30-15.00 **Correct practices of milking and milk production measurements**
Dr. T. Galli, Dr. G. Bruni
- 15.00-19.00 **Tour in Casabianca farm and industry**
Dr. F. D'Ausilio (President of Italian Buffalo Breeder Association- ANASB)
- 20.00 Dinner at the Hotel

SUNDAY, MAY 14

FREE DAY/ROMA TOUR (ON REQUEST)

Dinner at the Hotel

MONDAY, MAY 15

- 6.30 Hotel Check out and bus transfer to Caserta
- 8.30-11.00 **Visit of Fattorie Garofalo Buffalo Farm (Fattoria Reale del Torcino), Ciorlano (Caserta).**
Dr. G. Garofalo
- 12.00-13.00 **Visit of Buffalo Beef Centre in S. Angelo in Formis (Caserta). Practical demonstration of meat processing in the industry**
Prof. F. Infascelli

13.15-14.00	Lunch in S.Maria Capua Vetere (Caserta) and view of the Capua Amphitheater
14.15-16.30	Visit of Fattorie Garofalo and of mechanized Cheese Industry (Casaro del Re) in Capua (Caserta). Practical demonstration of milk processing in the cheese factory <i>Avv. R. Garofalo</i>
16.30-17.30	Visit of Capua Town
17.30	Transfer to the Agriturismo La Colombaia (Capua)
20.00	Dinner at the Agriturismo

TUESDAY, MAY 16

8.00	Hotel Check out and bus transfer to Naples
9.00-10.00	Visit of Animal Prophylaxis Research Institute in Naples.
10.00-10.30	Activities of National Reference Centre of Water Buffalo Farming and Productions, Hygiene and Technologies <i>Dr. E. De Carlo</i>
10.30-10.45	<i>Coffee break</i>
10.45-11.20	Ruminant welfare: development of a new approach to evaluate buffalo welfare <i>Dr. D. Vecchio</i>
11.20-12.00	The traceability system in the Italian buffalo supply chain <i>Dr. G. Cappelli</i>
12.00-15.30	Bus transfer to Paestum (Salerno) and lunch on the way
15.30-18.30	Visit of Improsta farm in Capaccio-Paestum. <i>Prof. G. Campanile</i> Reproductive management in buffalo cows <i>Prof. L. Neglia</i>

18.30-19.30	Visit of Paestum Temple, Capaccio-Paestum
20.00	Transfer and dinner at the Agriturismo Seliano, Paestum

WEDNESDAY, MAY 17

8.00	Hotel Check out
8.30-10.30	Visit of Vannulo Farm, Capaccio scalo
10.30-12.30	Bus transfer to Naples
12.30-13.00	Naples University Federico II. Biotechnology Department <i>Prof. G. Campanile</i>
13.00-14.00	Lunch
14.00-15.00	State of art in research on buffalo. <i>Prof. L. Zicarelli</i>
15.00-16.30	Nutrition and feeding in buffalo <i>Prof. F. Infascelli</i>
16.30-16.45	Coffee break
16.45-18.00	Advanced reproductive technologies <i>Prof. B. Gasparrini</i>
18.00	Transfer to Hotel Palais Villa Buonanno, Vesuvio park, Cercola (Naples)
20.00	Dinner at the Hotel

THURSDAY, May 18

8.00	Hotel Check out and bus transfer to Institute for Animal Production Systems in Mediterranean Environment - ISPAAM National Research Council (CNR), (Naples)
9.00-13.00	Visit of the CNR-ISPAAM <i>Dr. A. Scaloni, Prof. L. Iannuzzi</i>

9.00-10.30	Proteomic approaches for the evaluation of buffalo dairy products <i>Dr. A. Scaloni, Dr. S. Arena, Dr. A.M. Salzano, Dr. S. Caira</i>
10.30-10.45	Coffee break
10.45-11.45	Clinical, molecular and environmental cytogenetics in river buffalo (<i>Bubalus bubalis</i>, 2n=50) <i>Prof. L. Iannuzzi, Dr. A. Iannuzzi, Dr. V. Genualdo</i>
11.45-12.15	Physiology of stress response in river buffalo <i>Dr. M.S. Spagnuolo</i>
12.15-13.00	Short visit of the CNR-ISPAAM laboratories
13.00-15.00	Lunch
15.00-18.00	Transfer to Green Palace Hotel in Monterotondo (Rome) On the bus, <i>Prof. Borghese</i> will promote a discussion on the problems and goals of Buffalo industry in different countries and quality of products and global market.
19.00-20.00	Conclusion of course and diploma to the participants at CREA-ZA <i>Prof. Antonio Borghese and Researchers of the CREA-ZA</i>
20.00	Farewell dinner at CREA-ZA Quality Wine tasting with Sommelier <i>Dr M. Borghese</i> Live music with <i>Keen Guys</i> ' group
22.00	Transfer to the Quality Hotel Green Palace, Monterotondo

FRIDAY, May 19

Departures

LIST OF TEACHER

Surname	Name	Affiliation	e-mail
Amatiste	Simonetta	IZS-LT	simonetta.amatiste@izslt.it
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Legend

BNADBB	Bulgarian National Association for Development of Buffalo Breeding, Shumen, Bulgaria
CREA-ZA	CREA Animal Production Research Centre, Monterotondo Unit, Rome
IZS-LT	Istituto Zooprofilattico Sperimentale Lazio e Toscana (Animal Prophylaxis Research Institute)
IZS-M	Istituto Zooprofilattico Sperimentale del Mezzogiorno (Animal Prophylaxis Research Institute)
IZS-UM	Istituto Zooprofilattico Sperimentale dell'Umbria e delle Marche (Animal Prophylaxis Research Institute)
IBF	International Buffalo Federation
ISPAAM-CNR	Institute for Animal Production Systems in Mediterranean Environment - National Research Council
UNINA	University of Naples
UNIPG	University of Perugia
CTC	Centro Tori Chiacchierini



**INTERNATIONAL
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FEDERATION**
Monterotondo,
Roma, Italy



crea
Consiglio per la ricerca in agricoltura
e l'analisi dell'economia agraria

In collaboration with



Istituto Zooprofilattico Sperimentale
del Lazio e della Toscana *M. Aleandri*



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