

PERSONAL INFORMATION

Giuseppe Stradaioli



- 📍 Università degli Studi di Udine – Dipartimento di Scienze AgroAlimentari, Ambientali e Animali, via delle Scienze, 206 33100 Udine - Italy
- ☎ +39 0432 5585800 📠 +39 320 4365804
- ✉ giuseppe.stradaioli@uniud.it
- 🌐 <http://people.uniud.it/page/giuseppe.stradaioli>
- 💬 [skype giuseppe.stradaioli](#)

Sex male | Date of birth 16/02/1964 | Nationality Italian

POSITION

Full professor (DVM-PhD)

WORK EXPERIENCE

from 16/11/2017 – to date

**Full professor**

University of Udine – Department of Agricultural, Food, Environmental and Animal Sciences

- Academic, research and teaching (Animal reproduction, Reproductive biotechnologies, Laboratory animals)

from 01/13/2005 – 15/11/2017

**Associate professor**

University of Udine – Department of Agricultural, Food, Environmental and Animal Sciences

- Academic, research and teaching (Animal reproduction, Reproductive biotechnologies, Laboratory animals)

from 02/01/1999 – to 05/01/1999

**Visiting Scientist**

Unite de Physiologie de la Reproduction des Mammifers Domestiques - Equipe Reproduction Equine INRA, Nouzilly, Tours (France)

- Research in the field of equine reproduction and preservation of sperm

from 05/08/2000 to 09/10/2000

**Visiting Scientist**

Unite de Physiologie de la Reproduction des Mammifers Domestiques - Equipe Reproduction Equine INRA, Nouzilly, Tours (France)

- Research in the field of equine reproduction and preservation of sperm

from 08/01/1989 to 08/31/1989

**Guest Scientist**

Embryo Engineering Laboratory (director Prof. Robert A. Godke), Louisiana State University, LA (USA)

- Research in equine embryo transfer and bovine

**Business or sector** Research and teaching in the field of animal reproduction and veterinary andrology with particular emphasis on the factors that interfere with the reproductive efficiency of dairy cattle and andrology assessment of breeding bulls

EDUCATION AND TRAINING

from 12/15/1989- to 06/24/1993

**PhD**

University of Perugia – School of Veterinary Medicine (Perugia, Italy)

- Reproductive efficiency and milk quality of dairy goat

from 10/01/1983- to 07/07/1989

**Degree in Veterinary Medicine (cum laude)**

University of Perugia – School of Veterinary Medicine (Perugia, Italy)

from 09/01/1977- to 07/01/1983

**Baccalaureate classical**

Liceo Classico Statale "G. Marconi" Portogruaro (Italy)

PERSONAL SKILLS

Mother tongue Italian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1/2	B1/2	B1/2	B1/2	B1/2
	Replace with name of language certificate. Enter level if known.				
France	B1/2	B1/2	B1/2	B1/2	A1/2
	Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Communication skills
 

- good communication skills gained through my experience as teacher and abroad visiting activities for research purposes

Organisational / managerial skills
 

- Leadership (currently responsible for a group of 5 people),
- Good organizer and coordinator of capacity gained through the scientific direction of 6 international research projects.
- Excellent management of the research projects assigned over the years

Job-related skills
 

- Excellent knowledge of the mechanisms of control of reproductive efficiency of livestock especially cattle demonstrated through publications in journals of high scientific impact
- Excellent teaching activity as demonstrated by students evaluation during the procedures for assessing the quality of teacher

Computer skills
 

- good command of Microsoft Office™ tools

Other skills
 

Replace with other relevant skills not already mentioned. Specify in what context they were acquired.  
Example:

- Agricultural management

Driving licence
 

- A
- B

ADDITIONAL INFORMATION

- VERINI SUPPLIZI A., MONACI M., STRADAIOLI G., GREVE T., PARILLO F. 1996. Identification of glycoconjugates in the zona pellucida of in vitro matured and tubal unfertilized bovine oocytes using lectin histochemistry. *Animal Reproduction Science*, 43: 99-111.
- STRADAIOLI G., SYLLA L., MAZZARELLI F.A., ZELLI R., RAWADI G., MONACI M. 1999. *Mycoplasma mycoides* subsp *mycoides* SC identification by PCR in sperm of seminal vesiculitis-affected bulls. *Veterinary Research* 30: 457-466.
- COLITTI M., STRADAIOLI G., STEFANON B. 2000. Effect of  $\alpha$ -tocopherol deprivation on the involution of mammary gland in sheep. *Journal of Dairy Science* 83: 345-350.
- STRADAIOLI G., SYLLA L., ZELLI R., VERINI SUPPLIZI A., CHIODI P., ARDUINI A., MONACI M. 2000. Seminal carnitine and acetylcarnitine content and carnitine acetyltransferase activity in young Maremmano stallions. *Animal Reproduction Science* 64: 233-245.
- VERINI SUPPLIZI A., STRADAIOLI G., FAGIOLI O., PARILLO F. 2000. Localisation of the lectin reactive sites in adult and prepubertal horse testes. *Research in Veterinary Science* 69:113-118.
- RONCHI B., STRADAIOLI G., VERINI SUPPLIZI A., BERNABUCCI U., LACETERA N., ACCORSI P.A., NARDONE A., SEREN E. 2001. Influence of heat stress or feed restriction on plasma progesterone, oestradiol-17 beta, LH, FSH, prolactin and cortisol in Holstein heifers. *Livestock Production Science* 68: 231-241.
- STRADAIOLI G., MAGISTRINI M. 2002. A comparative evaluation of thiobarbituric acid methods for determination of malondialdehyde in equine spermatozoa. *Theriogenology* 58: 347-350.
- STRADAIOLI G., SYLLA L., ZELLI R., CHIODI P., MONACI M. 2004. Effect of L-carnitine administration on the seminal characteristics of oligoasthenospermic stallions. *Theriogenology* 62: 761-777.
- GABAI G., TESTONI S., PICCININI R., MARINELLI L., STRADAIOLI G. 2004. Oxidative stress in primiparous cows in relation to dietary starch and the progress of lactation. *Animal Science* 79: 99-108.
- SYLLA L., STRADAIOLI G., MANUALI E., ROTAA., ZELLI R., VINCENTI L., MONACI M. 2005. The effect of *Mycoplasma mycoides* ssp *mycoides* LC of bovine origin on in vitro fertilizing ability of bull spermatozoa and embryo development. *Animal Reproduction Science* 85: 81-93.
- COLITTI M., STRADAIOLI G., STEFANON B. 2005. Mammary cell turnover in lactating ewes is modulated by changes of energy fuels. *Research in Veterinary Science* 78: 53-59.
- ZELLI R., SYLLA L., MONACI M., STRADAIOLI G., SIBLEY L.E., ROSER J.F., MUNRO C., LIU I.K.M. 2006. Gonadotropin secretion and pituitary responsiveness to GnRH in mares with granulosa-theca cell tumor. *Theriogenology* 66: 1210-1218.
- STRADAIOLI G., RUBEI M., ZAMPARINI M., TUBARO F., VALENTINI S., DEGL'INNOCENTI S., MONACI M. 2006. Enzymatic evaluation of phospholipid hydroperoxide glutathione peroxidase (PHGPx) in equine spermatozoa. *Animal Reproduction Science* 94: 29-31.
- STRADAIOLI G., NORO T., SYLLA L., MONACI M. 2007. Decrease in glutathione (GSH) content in bovine sperm after cryopreservation: comparison between two extenders. *Theriogenology* 67: 1249-1255.
- SYLLA L., STRADAIOLI G., BORGAMI S., MONACI M. 2007. Breeding soundness examination of Chianina, Marchigiana, and Romagnola yearling bulls in performance tests over a 10 – year period. *Theriogenology* 67: 1351-1358.
- COLITTI M., SGORLON S., STRADAIOLI G., FARINACCI M., GABAI G., STEFANON B. 2007. Grape polyphenols affect mRNA expression of PGHS-2, TIS11b and FOXO3 in endometrium of heifers under ACTH induced stress. *Theriogenology* 68: 1022-1030.
- STRADAIOLI G., SYLLA L., MONACI M., MAIORINO M. 2009. Phospholipid hydroperoxide glutathione peroxidase in bull spermatozoa provides a unique marker in the quest for semen quality analysis. *Theriogenology* 72: 91-98.
- PROBO M., COMIN A., MOLLO A., CAIROLI F., STRADAIOLI G., VERONESI M.C. 2011. Reproductive performance of dairy cows with luteal or follicular ovarian cysts after treatment with buserelin. *Animal Reproduction Science* 127: 135-139. doi:10.1016/j.anireprosci.2011.07.019
- PAOLUCCI M., PALOMBI C., SYLLA L., STRADAIOLI G., MONACI M. 2012. Ultrasonographic features of the mule embryo, fetus and fetal-placental unit. *Theriogenology* 77: 240-252.
- PALOMBI C., PAOLUCCI M., STRADAIOLI G., CORUBOLO M., PASCOLO P.B., MONACI M. 2013. Evaluation of remote monitoring of parturition in dairy cattle as a new tool for calving management. *BMC Veterinary Research* 9: 191.
- GOLINI V.E., STRADAIOLI G., SIRARD M.-A. 2014. Transcriptome analysis of Bovine granulosa cells of preovulatory follicles at 30, 60, 90 and 120 days postpartum. *Theriogenology* 82: 580-591.
- LAKAMY SYLLA, CLAUDIO PALOMBI, GIUSEPPE STRADAIOLI, ANTONIO VAGNILUCA, MAURIZIO MONACI 2014. Effect of semen collection by trans-rectal massage of accessory sexual glands or artificial vagina on the outcome of breeding soundness examinations of Italian yearling beef bulls. *Theriogenology* 83: 779-785.
- SANDY SGORLON, MARTA FANZAGO, DENIS GUIATTI, GIANFRANCO GABAI, GIUSEPPE STRADAIOLI, BRUNO STEFANON. 2015. Factors affecting milk cortisol in mid lactating dairy cows. *BMC Veterinary Research* 11: 259. DOI 10.1186/s12917-015-0572-9.

## Publications

- ANDREA BIANCUCCI, TATIANA SBARAGLI, ANTONELLA COMIN, LAKAMY SYLLA, MAURIZIO MONACI, TANJA PERIC, GIUSEPPE STRADAIOLI. 2016. Reducing treatments in cattle superovulation protocols by combining a pituitary extract with a 0.5% hyaluronan solution: is it able to diminish activation of the hypothalamic pituitary adrenal axis compared to the traditional protocol? *Theriogenology* 85: 914-921. doi:10.1016/j.theriogenology.2015.10.041
- MARTINA CROCIATI, LAKAMY SYLLA, CLAUDIA FLORIDI, ANTONELLA COMIN, GABRIELE FRUGANTI, MAURIZIO MONACI, GIUSEPPE STRADAIOLI. 2017. Influence of lipoproteins at dry-off on metabolism of dairy cows during transition period and on postpartum reproductive outcomes. *Theriogenology* cds doi: 10.1016/j.theriogenology.2017.02.007
- GIUSEPPE STRADAIOLI, TANJA PERIC, MARTA MONTILLO, ANTONELLA COMIN, MIRCO CORAZZIN, MARIA CRISTINA VERONESI, ALBERTO PRANDI. 2017. Hair cortisol and testosterone concentrations and semen production of *Bos taurus* bulls. *Italian Journal of Animal Science*, DOI: 10.1080/1828051X.2017.1303339.
- LAKAMY SYLLA, MARTINA CROCIATI, GIOVANNI ANGELI, NICOLAE TIBERIU CONSTANTIN, GIUSEPPE STRADAIOLI, RICCARDO ZELLI, AGNES ELADNGONPUT. 2017. Dysuria in a Sardinian ram with glans penis traumatic injury. *Int J Vet Anim Med*. Nov: 1(1): 102.
- MARTINA CROCIATI, FLAVIO DI GIACINTO, ELISABETTA MANUALI, GIUSEPPE STRADAIOLI, LAKAMY SYLLA, MAURIZIO MONACI, GIUSEPPE MAULUCCI, MARCO DE SPIRITO. 2018. Systemic profiling of ectopic fat deposits in the reproductive tract of dairy cows. *Theriogenology* 114: 46-53. DOI: 10.1016/j.theriogenology.2018.03.026.
- MARTINA CROCIATI, STEFANO CAPOMACCIO, MARIA TERESA MANDARA, GIUSEPPE STRADAIOLI, LAKAMY SYLLA, MAURIZIO MONACI, KATIA CAPPELLI. 2019. Different expression of Defensin-B gene in the endometrium of mares of different age during the breeding season. *BMC Veterinary Resarch* 15:465. DOI: 10.1186/s12917-019-2215-z.
- NGONPUT AGNES ELAD, ZELLI RICCARDO, MENCHETTI LAURA, SYLLA LAKAMY, STRADAIOLI GIUSEPPE, CROCIATI MARTINA AND MONACI MAURIZIO. 2020. Dose and Time Dependent Effect of N-Acetyl-LCysteine Supplementation on In Vitro Fertilization of Bovine Oocytes. *Biomed J Sci & Tech Res* 27(3)-2020. BJSTR. MS.ID.004508.
- MARTINA CROCIATI, LAKAMY SYLLA, MICHAEL VAN STRATEN, GIUSEPPE STRADAIOLI, AND MAURIZIO MONACI. 2020. Estimating the net return of a remote calving alarm system in a dairy farm. *Journal of Dairy Science* 103: 9646-9655. <https://doi.org/10.3168/jds.2020-18253>;
- EMANUELA ROSSI, NICOLA FERRI, MARTINA CROCIATI, MAURIZIO MONACI, GIUSEPPE STRADAIOLI, LAKAMY SYLLA 2020. Remote monitoring system as a tool for calving management in Mediterranean Buffalo heifers (*Bubalus bubalis*). *Reproduction in Domestic Animals* 00:1–5. <https://doi.org/10.1111/rda.13805>
- JUAN E. ROMANO, GAETANO MARI, GIUSEPPE STRADAIOLI, BEATRICE MISLEI 2021. Effect of fasting prior to electroejaculation on behavioral responses and reproductive parameters in young Simmental bulls. *Theriogenology* 173: 19-22. <https://doi.org/10.1016/j.theriogenology.2021.05.01>
- MARTINA CROCIATI, LAKAMY SYLLA, GIUSEPPE STRADAIOLI, MAURIZIO MONACI, ALFONSO ZECCONI 2021. Assessment of Sensitivity and Profitability of an Intravaginal Sensor for Remote Calving Prediction in Dairy Cattle. *Sensor*, 21, 8348. <https://doi.org/10.3390/s21248348>
- MARTINA CROCIATI, LAKAMY SYLLA, ARIANNA DE VINCENZI, GIUSEPPE STRADAIOLI AND MAURIZIO MONACI 2022. How to Predict Parturition in Cattle? A Literature Review of Automatic Devices and Technologies for Remote Monitoring and Calving Prediction. *Animals*, 12, 405. <https://doi.org/10.3390/ani12030405>
- MARTINA CROCIATI, LAKAMY SYLLA, MARIACALOGERA FIRRARELLO, MAURIZIO MONACI, ALFONSO ZECCONI, GIUSEPPE STRADAIOLI 2022. A partial budget simulation to evaluate the Return of Investment of improved calving management in Italian beef cattle, family-run farms. *Large Animal Review* 28: 51-58.
- FRANCESCA CORTE PAUSE, MARTINA CROCIATI, SUSY URLI, MAURIZIO MONACI, LORENZO DEGANO, GIUSEPPE STRADAIOLI 2022. Environmental Factors Affecting the Reproductive Efficiency of Italian Simmental Young Bulls. *Animals*, 12, 2476. <https://doi.org/10.3390/ani12182476>
- ALBERTO CESARANI, FRANCESCA CORTE PAUSE, JORGE HIDALGO, ANDRE GARCIA, LORENZO DEGANO, DANIELE VICARIO, NICOLÒ P.P. MACCIOTTA, GIUSEPPE STRADAIOLI 2023. Genetic background of semen parameters in Italian Simmental bulls. *Italian Journal of Animal Science* 22: 76-83. <https://doi.org/10.1080/1828051X.2022.2160665>
- SUSY URLI, FRANCESCA CORTE PAUSE, MARTINA CROCIATI, ANJA BAUFELD, MAURIZIO MONACI, GIUSEPPE STRADAIOLI 2023. Impact of Microplastics and Nanoplastics on Livestock Health: An Emerging Risk for Reproductive Efficiency. *Animals*, 13, 1132. <https://doi.org/10.3390/ani13071132>.
- GIUSEPPE STRADAIOLI, EMANUELA SORGIA, ADRIANO SORIOLO, MIRCO CORAZZIN 2023. Field trial of the effect of vaccination against Bovine herpesvirus 1 on milk yield and rumination time: comparison between two live marker vaccines. *Large Animal Review* 29: 79-82.

## Memberships

Founding member of the European College for Animal Reproduction (ECAR).

