



## **IRENE VALASI**

Associate Professor  
“Animal Physiology”

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### **EDUCATION**

- DVM, School of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (November 2000)
- Post-graduate residency, Department of Medicine, School of Veterinary Medicine, Aristotle University of Thessaloniki, Greece (January-December 2001)
- Post-graduate residency, Department of Surgery, Faculty of Veterinary Science, University of Thessaly, Greece (January-June 2002)
- PhD, Department of Obstetrics and Reproduction, Faculty of Veterinary Science, University of Thessaly, Greece (November 2006)
- Languages: English, Spanish

### **DEGREES**

- **Degree in Veterinary Medicine** (November 2000), School of Veterinary Medicine, Aristotle University of Thessaloniki
- **Doctor of Philosophy** (November 2006), Faculty of Veterinary Science, University of Thessaly, Greece
- **Diplomate** (May 2013-present), European College of Small Ruminant Health Management

### **PROFESSIONAL ACTIVITIES**

- Self employed veterinarian – private practitioner (May 2002-February 2008)
- Laboratory Associate, Department of Animal Production, School of Agricultural Technology, Technological Educational Institute of Larissa, Greece (March 2002-February 2008)
- Researcher with work contract for the needs of the project: “Repeated in vivo oocyte collection and in vitro embryo production. Study of the effect of follicular

environment on oocyte quality in juvenile and adult ruminants” (PENED 2001, General Secretariat for Research and Technology; January 2003-December 2005).

- Adjunct Lecturer in “Obstetrics-Reproduction (Assisted Reproduction)”, Department of Obstetrics and Reproduction, Faculty of Veterinary Medicine, University of Thessaly, Greece (September 2006-February 2010)
- Public officer – Regional veterinarian of Greek Ministry of Rural Development and Food (March 2008-January 2011)
- Adjunct Lecturer in “Animal Physiology”, Department of Physiology, Faculty of Veterinary Medicine, University of Thessaly, Greece (September 2009-January 2011)
- Lecturer in “Animal Physiology”, Department of Physiology, Faculty of Veterinary Medicine, University of Thessaly, Greece (January 2011-January 2014)
- Assistant professor in “Animal Physiology”, Department of Physiology, Faculty of Veterinary Medicine, University of Thessaly, Greece (January 2014- August 2020)
- Associate professor in “Animal Physiology”, Department of Physiology, Faculty of Veterinary Medicine, University of Thessaly, Greece (August 2020-today)

### **Undergraduate teaching**

- Lectures and laboratory exercises, Department of Physiology (Physiology I and Physiology II) and Department of Obstetrics and Reproduction (Physiology of Reproduction of Small Ruminants), Faculty of Veterinary Medicine, University of Thessaly, Greece (January 2006-present)]
- Laboratory Associate, Department of Animal Production, Technological Educational Institute of Larissa, Greece (March 2002-February 2008)

### **Postgraduate teaching**

- Lectures about ‘Physiology and hygiene of dairy animals’ in Agricultural University of Athens for the needs of the postgraduate program ‘Management of milk production and milk products’ (January 2013- January 2018).
- Lectures and laboratory exercises about ‘Physiology of reproduction’ and ‘Applied Reproduction’ in Department of Animal Production of the Technological Educational Institute of Larissa for the needs of the postgraduate program ‘Current methods for improving production in animal husbandry’ (November 2016–June 2018).

## **RESEARCH**

### **Research interests**

Physiology of reproduction and milk production in small ruminants

- Endocrinology of reproduction and ovarian activity
- Embryonic and neonatal development
- Embryonic and developmental programming
- Effects of heat stress on reproduction
- Association of oxidative stress with reproduction and immune-response
- Control of oestrus activity and artificial insemination
- Assisted reproduction in prepubertal and adult small ruminants
- Pregnancy progress using ultrasonography

### **Research grants**

#### **Leader of the research team of the projects**

1. ‘Study of new protocols for oestrus synchronization combined with fixed time artificial insemination in ewes of indigenous breeds’ (Research Committee, University of Thessaly; July 2010-August 2012)

2. 'Study of the effect of selective or non-selective inhibitors of phosphodiesterases on reproductive performance of indigenous ewes and goats' (Research Committee, University of Thessaly; June 2013-May 2015)

#### **Member of the research team**

1. 'Repeated in vivo oocyte collection and in vitro embryo production. Study of the effect of follicular environment on oocyte quality in juvenile and adult ruminants' (PENED 2001, General Secretariat for Research and Technology; December 2002-January 2006)
2. 'Effect of melatonin on oocyte quality of indigenous breeds of sheep' (CEVA Ltd; March 2003-February 2004)
3. 'Artificial insemination in ewes after synchronization of ovulation' (INTERVET HELLAS SA; July 2003-February 2004)
4. 'In vitro embryo production in indigenous breed of sheep of Greece and Hungary after melatonin treatment' (General Secretariat for Research and Technology, CEVA HELLAS; June 2004-June 2005)
5. 'New therapeutics for repeat breeder syndrome of cows' (Gerolymatos SA; June 2004-December 2008)
6. 'Effect of thyroid hormones on reproduction of indigenous breeds of sheep' (ARCHIMEDES II, EPEAEK II, September 2005-September 2008)
7. 'Interactions between physical characteristics of cervical mucus at induced oestrus after superovulation in cows, activity of certain enzymes in uterus and gene expression' (General Secretariat for Research and Technology, 073-ε, Greek – Spain; 2006-2008)
8. 'Sustainable production of traditional cheeses from local sheep milk, in the Balkans: 1. Improved reproductive management of indigenous-sheep-breeds populations, 2. Ensuring of traditional cheeses hygiene and quality' (SEE-ERA.NET PLUS- ERA 83/01, European Commission and National contributions; October 2010-December 2012)
9. 'Protocoles non-hormonales de la reproduction des chèvres et l'amélioration de la production laitière' (BECO-2011-75-U-56115FT110). [AUF – Bureau Europe Centrale et Orientale; December 2011- December 2013]
10. 'Application of 'omic' Technologies for the Genetic Characterization of Indigenous - Greek Dairy Breeds of Goats and Sheep, for the Improvement of their Production and for the Identification of Potential Bioactivity of their Milk' (Ministry of Education, EYSED-ETAK; January 2012-December 2015)
11. 'L'optimisation des paramètres de reproduction, de génétique et de santé pour l'amélioration de la production des troupeaux de chèvres' (BECO, AUF; September 2016-December 2017)
12. CowficieNcy project (European Union's Horizon 2020 research and innovation programme/ grant agreement number 777974; January 2018-January 2022)

### **PARTICIPATION IN SCIENTIFIC WORKSHOPS**

#### **As organiser-trainer**

- in course 'L'atelier de la spermatologie des petits ruminants', (TROUPEAUF-REPRO, BECO-2011-75-U-56115FT110, AUF), Thessaloniki, Greece, February 2013.
- in course 'Nouveaux techniques pour évaluer la fécondité de la semence' (BECO, AUF) Thessaloniki, Greece, September 2017.

#### **As lecturer/trainer**

- in CPD course 'Clinical applications in sheep reproduction', University of Thessaly, Greece, December 2014 and January 2015.

- in CPD course 'Use of modern diagnostic imaging techniques in health management of sheep'(ECSRHM) , University of Zaragoza, Spain, January 2018.

#### **As trainee**

- in course 'Methodology and practice for the management of research, technology and innovation' (PENED 2001) University of Thessaly, Volos, Greece, December 2004-January 2005.
- in course 'Ultrasonographic study of follicular development in ewes' (SEE-ERA.NET PLUS- ERA 83/01). VRI NAGREF, Thessaloniki, June 2012.
- in course 'Protocoles non-hormonaux de la reproduction des chèvres et l'amélioration de la production' (BECO-2011-75-U-56115FT110, AUF). University of Zagreb, Croatia, September 2012.
- in course 'Programme d'initiation à l'Insémination animale caprine et au contrôle de la reproduction', (BECO-2011-75-U-56115FT110, AUF). CAPGENES, Poitiers, France, August 2013.

#### **INVITATIONS**

- Invited lecturer in 5 national scientific meetings (October 2009-May 2015)
- Invited author of 2 review articles in Journal 'Animal Reproduction Science' (2012)
- Invited editor of Special Issue in Journal 'Small Ruminant Research' (2017)
- Invited lectured in 2 CPD courses in Greece and Spain (2014/2015 and 2018)

#### **REFeree IN SCIENTIFIC JOURNALS**

- Small Ruminant Research
- Theriogenology
- Reproduction in Domestic Animals
- Animals
- Antioxidants
- Genes
- International Journal of Molecular Sciences
- Journal of the Hellenic Veterinary Medical Society

#### **PARTICIPATION IN SCIENTIFIC MEETINGS**

1. 7<sup>th</sup> Panhellenic Veterinary Congress, Athens, Greece, November 1996
2. 5<sup>th</sup> Panhellenic Veterinary Companion Animal Congress, Athens, Greece, March 1998
3. 6<sup>th</sup> Panhellenic Veterinary Companion Animal Congress, Athens, Greece, March 2001
4. 10<sup>th</sup> Panhellenic Veterinary Congress, Thessaloniki, Greece, November 2002
5. 15<sup>th</sup> International Congress of Animal Reproduction, Porto Seguro, BA-Brazil, August 2004
6. 8<sup>th</sup> Congress of European Society of Domestic Animal Reproduction, Poland, September 2004.
7. 4<sup>th</sup> Panhellenic Congress of Domestic Animals, Thessaloniki, Greece, February 2005
8. 6<sup>th</sup> International Sheep Veterinary Congress, Hersonissos, Crete, Greece, June 2005
9. 9<sup>th</sup> Congress of European Society of Domestic Animal Reproduction, Murcia, Spain, September 2005.
10. 10<sup>th</sup> Panhellenic Veterinary Congress, Thessaloniki, Greece, February 2006
11. 10<sup>th</sup> Congress of European Society of Domestic Animal Reproduction, Portoroz-Lipica, Slovenia, September 2006.
12. 11<sup>o</sup> Congress of European Society of Domestic Animal Reproduction, Celle, Germany, September 2007.
13. 1<sup>st</sup> Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Thessaloniki, Greece, 2008

14. 12<sup>th</sup> Congress of European Society of Domestic Animal Reproduction, Utrecht, November 2008
15. GEMINI: Gametes and Embryos Maternal Interactions Network International, Cost Action FA0702, Volos, Greece, October 2008.
16. 11<sup>th</sup> Pahnellenic Veterinary Congress, Athens, Greece, March 2009
17. 14<sup>th</sup> Congress of European Society of Domestic Animal Reproduction, Eger, Hungary, September 2010.
18. 2<sup>nd</sup> Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Thessaloniki, Greece, March 2011
19. 12<sup>th</sup> Panhellenic Veterinary Congress, Athens, Greece, April 2012
20. 16<sup>th</sup> Congress of European Society of Domestic Animal Reproduction, Dublin, Ireland, Aug-Sep 2012.
21. Meeting SEE-ERA.NET PLUS, Thessaloniki, Greece, December 2012.
22. 3<sup>rd</sup> Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Ioannina, Greece, May 2014
23. 13<sup>th</sup> Panhellenic Veterinary Congress, Athens, May 2015
24. 32<sup>nd</sup> World Veterinary Congress, Istanbul, Turkey, September 2015.
25. Meeting 'Epiconcept: Epigenetics and Periconception Environment, Cost Action FA1201, Hersonissos, Creete, Greece, October 2015.
26. 18<sup>th</sup> International Congress on Animal Reproduction, Le Vinci in Tours, France, June 2016.
27. 4<sup>o</sup> Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Volos, Greece, May 2017.
28. 9<sup>th</sup> International Sheep Veterinary Congress, Harrogate, UK, May 2017.
29. Annual Meeting of the European College of Small Ruminant Health Management (ECSRHM), Thessaloniki, Greece, May 2018.

## **ADVISOR OF PhD STUDENTS**

### **Supervisor of PhD student**

Ms Efterpi Bouroutzika, Faculty of Veterinary Medicine, University of Thessaly. Title of PhD thesis '*Association of redox status with fetal programing in sheep: study of growth, immune response and reproductive performance of offspring*' (November 2016-today)

### **Member of the advisory committee**

1. of Dr Marianna Barbagianni '*Experimental study of pregnancy toxemia in ewes and its association with mastitis in the post-partum period*' PhD Thesis, Faculty of Veterinary Medicine, University of Thessaly, Karditsa 2016.
2. of Dr Thomas-Markos Chouzouris '*A study on the effects of ghrelin on reproduction of dairy cows*', PhD Thesis, Faculty of Veterinary Medicine, University of Thessaly, Karditsa 2018.
3. of PhD student Antonios Politis, Faculty of Veterinary Medicine, University of Thessaly, 9-11-2017 to present.
4. of PhD student Ioannis Nanas, Faculty of Veterinary Medicine, University of Thessaly, 16-04-2018 to present.
5. of PhD student Konstantina Staberna, Faculty of Veterinary Medicine, University of Thessaly, 6-06-2018 to present.
6. of PhD student Zoi-Vasiliki Skaperna, Faculty of Biochemistry and Biotechnology, University of Thessaly, 12-07-2018 to present.
7. of PhD student Dionisis Antonopoulos, School of Food Science, University of West Attica, 26-02-2019 to present.

## **MEMBER IN SCIENTIFIC SOCIETIES**

- Hellenic Veterinary Medical Society
- European College of Small Ruminant Health Management

## **ADMINISTRATIVE DUTIES IN THE UNIVERSITY OF THESSALY**

- Member of the Academic Board, Faculty of Veterinary Science (January 2011-today)
- Member of the Committee of Graduate Admission, Faculty of Veterinary Science, University of Thessaly (January 2011-today)
- Member of the Committee of Quality Assurance, Faculty of Veterinary Science (January 2013-today)
- Member of the Accessibility Centre for Students with Disabilities 'PROSVASI' at the University of Thessaly (2014-today)
- Member of the Committee of Education, Faculty of Veterinary Science (2016-today)
- Member of the Committee for writing Self-Evaluation Report for evaluation by European Association of Establishments for Veterinary Education (EAEVE), Faculty of Veterinary Science (2017)
- Member of the Committee of PhD Studies, Faculty of Veterinary Science (2018-today)

## **PUBLICATIONS**

### **1. Monograph - PhD Thesis**

**Valasi Irene** (2006). Follicular aspiration in ewe-lambs: quality assessment of collected oocytes and evaluation of the reproductive performance of the donors. PhD Thesis, Karditsa, Greece

### **2. Book chapters and multi - author volumes**

- 2.1. Valasi I, Menegatos J** (2011). Physiology of reproduction of ewes and goats before pregnancy. In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 5-47, Tziola Publications, Thessaloniki (in Greek).
- 2.2. Valasi I, Menegatos J, Fthenakis GC** (2011). Physiology of pregnancy. In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 79-104, Tziola Publications, Thessaloniki (in Greek).
- 2.3. Valasi I, Menegatos J, Mavrogianni VS, Fthenakis GC** (2011). Physiology of parturition. In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 105-119, Tziola Publications, Thessaloniki (in Greek).
- 2.4. Valasi I, Menegatos J, Gougoulis DA** (2011). Physiology of puerperium. In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 127-132, Tziola Publications, Thessaloniki (in Greek).
- 2.5. Valasi I** (2011). Hormones associated with reproductive activity in small ruminants. In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 167-176, Tziola Publications, Thessaloniki (in Greek).
- 2.6. Valasi I** (2011). Artificial insemination practice. In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 581-595, Tziola Publications, Thessaloniki (in Greek).
- 2.7. Valasi I, Amiridis GS** (2011). Assisted reproduction. In: Small Ruminant Reproduction. GC Fthenakis (ed), pp. 597-614, Tziola Publications, Thessaloniki (in Greek).
- 2.8. Valasi I, Chadio S, Fthenakis GC, Amiridis GS** (2012). Management of pre-pubertal small ruminants: Physiological basis and clinical approach. *Animal Reproduction Science* 130: 126- 134.

- 2.9. Fthenakis GC, Arsenos G, Brozos C, Fragkou IA, Giadinis ND, Giannenas I, Mavrogianni VS, Papadopoulos E, **Valasi I** (2012). Health management of ewes during pregnancy. *Animal Reproduction Science* 130: 198– 212.
- 2.10. Fthenakis GC, Arsenos G, **Valasi I**, Giadinis ND, Giannenas I, Brozos C, Papadopoulos E, Mavrogianni VS, Fragkou IA (2013). Health management of ewes during pregnancy. Ed. CEVA HELLAS SA.
- 2.11. **Valasi I**, Petridis IG, Barbagianni MS, Fthenakis GC (2017). Ovine ultrasonography: Use of ultrasonographic examination in sheep health management. *Small Ruminant Research* 152: 1. Preface.
- 2.12. Barbagianni MS, Ioannidi KS, Vasileiou NGC, Mavrogianni VS, Orfanou VS, Fthenakis GC, **Valasi I** (2017). Ultrasonographic examination of pregnant ewes: from early diagnosis of pregnancy to early prediction of dystocia. *Small Ruminant Research* 152: 41-55.
- 2.13. **Valasi I**, Barbagianni MS, Ioannidi KS, Vasileiou NGC, Fthenakis GC, Poulis A (2017). Developmental anatomy of sheep embryos, as assessed by means of ultrasonographic evaluation. *Small Ruminant Research* 152:56-73.
- 2.14. Ioannidi KS, Mavrogianni VS, **Valasi I**, Barbagianni MS, Vasileiou NGC, Amiridis GS, Fthenakis GC, Orfanou DC (2017). Ultrasonographic examination of the uterus of ewes during the post-partum period. *Small Ruminant Research* 152: 74-85.

### 3. Research Articles

- 3.1. Deligiannis C, **Valasi I**, Rekkas CA, Goulas P, Theodosiadou E, Lainas T, Amiridis GS (2005). Synchronization of ovulation and fixed time intrauterine insemination in ewes. *Reproduction in Domestic Animals* 40: 6-10.
- 3.2. Amiridis GS, **Valasi I**, Menegatos I, Rekkas C, Goulas P, Papanikolaou T, Deligiannis C (2005). Luteal stage dependence of pituitary response to gonadotrophin-releasing hormone in cyclic dairy ewes subjected to synchronization of ovulation. *Reproduction, Fertility and Development* 17: 769-774.
- 3.3. **Valasi I**, Menegatos I, Papanikolaou Th, Goulas P, Amiridis GS (2006). Oocyte pick – up in juvenile lambs affects neither onset of puberty nor their future fertility. *Theriogenology* 66(9): 2144-2151.
- 3.4. **Valasi I**, Leontides L, Papanikolaou Th, Amiridis GS (2007). Age, FSH dose, and follicular aspiration frequency affect oocyte yield from juvenile donor lambs. *Reproduction in Domestic Animals* 42(3): 230-237.
- 3.5. **Valasi I**, Leontides L, Menegatos I, Amiridis G (2007). Oestradiol concentration as a predictor of ovarian response in FSH stimulated ewe-lambs. *Animal Reproduction Science* 102(1-2): 145-151.
- 3.6. Kantas D, Ntovolou E, Tsiligianni T, **Valasi I**, Goulas P (2008). The effect of thiamazole in thyroid and ovarian activity of Karagouniko breed ewes. *Journal of the Hellenic Veterinary Medical Society* 59(1): 40-45 (In Greek, abstract in English).
- 3.7. Kantas D, **Valasi I**, Tsiligianni T, Ntovolou E, Rigas G (2008). Annual concentrations of thyroxin and progesterone in Karagouniko and Chios ewes. *Journal of the Hellenic Veterinary Medical Society* 59(1): 46-51 (In Greek, abstract in English).
- 3.8. Menegatos J, Chadio S, Kalogiannis D, Bambidis V, **Valasi I**, Christodoulou V, Kantas D (2008). Impact of thyroid status on the response to ram effect in ewes. *Journal of the Hellenic Veterinary Medical Society* 59(1): 52-57 (In Greek, abstract in English)
- 3.9. Tsiligianni Th, **Valasi I**, Cseh S, Vainas E, Faigl V, Samartzi F, Papanikolaou Th, Dovolou E and Amiridis GS (2009). Effects of melatonin treatment on follicular development and oocyte quality in Chios ewes.. Short communication. *Acta Veterinaria Hungarica* 57(2): 331-335.
- 3.10. **Valasi I**, Fthenakis GC, Prassinou NN, Menegatos I, Grigoropoulou V, Deligiannis C, Vainas E and Amiridis GS. (2009). Onset of puberty and growth are not affected by repeated follicular aspiration in winter- or autumn-born lambs. *Small Ruminant Research* 84: 35-40.

- 3.11. Mavrogianni VS, Papadopoulos E, Fragkou IA, Gougoulis DA, **Valasi I**, Orfanou DC, Ptochos S, Gallidis E, Fthenakis GC (2011). Administration of a long-acting antiparasitic to pre-pubertal ewe-lambs in Greece results in earlier reproductive activity and improved reproductive performance. *Veterinary Parasitology* 177(1-2): 139-144.
- 3.12. **Valasi I**, Theodosiadou E, Fthenakis GC, Papanikolaou T, Deligiannis C, Kalogiannis D, Chadio S and Amiridis GS (2013). Endocrinological profile and follicular development in cyclic ewes subjected to repeated ovum pick-up. *Animal Reproduction Science* 138: 180-187.
- 3.13. Petridis IG, Gouletsou PG, Barbagianni MS, Amiridis GS, Brozos C, **Valasi I**, Fthenakis GC (2014). Ultrasonographic findings in the ovine udder during involution. *Journal of Dairy Research* 81: 288-296.
- 3.14. Papadopoulos S, Theodosiadou E, Kantas D, **Valasi I** (2015). The application of in vitro fertilization techniques for the evaluation of ram fertility. *Journal of the Hellenic Veterinary Medical Society*, 66(2): 63-69.
- 3.15. Barbagianni MS, Gouletsou PG, **Valasi I**, Petridis IG, Giannenas I, Fthenakis GC (2015). Ultrasonographic findings in the ovine udder during lactogenesis in healthy ewes or ewes with pregnancy toxemia. *Journal of Dairy Research*, 82(3): 293-303.
- 3.16. Barbagianni MS, Mavrogianni VS, Katsafadou AI, Spanos SA, Tsioli V, Galatos AD, Nakou M, **Valasi I**, Gouletsou PG, Fthenakis GC (2015). Pregnancy toxemia as predisposing factor for development of mastitis in sheep during the immediately post-partum period. *Small Ruminant Research*, 130(1): 246-251.
- 3.17. Barbagianni MS, Spanos SA, Ioannidi KS, Vasileiou NGC, Katsafadou AI, **Valasi I**, Gouletsou PG, Fthenakis GC (2015). Increased incidence of peri-parturient problems in ewes with pregnancy toxemia. *Small Ruminant Research*, 132 (1): 111-114.
- 3.18. Barbagianni MS, Giannenas E, Papadopoulos E, Petridis IG, Spanos SA, Gouletsou PG, **Valasi I**, Fthenakis GC (2015). Pregnancy toxemia in ewes: Development of an experimental model and potential interactions with gastrointestinal nematode infections. *Small Ruminant Research*, 133: 102-107.
- 3.19. Sokos C, Touloudi A, Iakovakis C, Papaspyropoulos K, Giannakopoulos A, Birtsas P, Spyrou V, Theodosiadou E, **Valasi I**, Sfougaris A, Billinis C (2016). Hare demography, physiology and European Brown Hare Syndrome virus infection: Is there an association? *Journal of Zoology*, 298(2): 150-157.
- 3.20. Katsoulos PD, Athanasiou LV, Karatzia MA, **Valasi I**, Boscós C, Karatzias H (2016). Comparison of a non-contact infrared thermometer with a rectal digital thermometer for use in ewes. *Small Ruminant Research*, 143 (1): 84-88.
- 3.21. Papadopoulos S, Deligiannis C, Theodosiadou EK, Kantas D, Lainas Th, Goulas P, Fthenakis GC, **Valasi I** (2017). Fertility rate of short-term progestagen pretreated ewes in relation to breed: A field study. *Journal of the Hellenic Veterinary Medical Society*, 68(1): 035-044.
- 3.22. **Valasi I**, Theodosiadou E, Papadopoulos S, Barbagianni MS, Nanos A, Stavros Spanos S, Fthenakis GC, Chadio S (2017). Combined treatment of eCG and a non-selective inhibitor of phosphodiesterases for enhancing reproductive performance in ewes. *Animal Reproduction*, 14:1133-1137.
- 3.23. Bouroutzika E, Kouretas D, Papadopoulos S, Veskoukis AS, Theodosiadou E, Makri S, Paliouras C, Michailidis M-L, Caroprese M, **Valasi I** (2020). Effects of melatonin administration to pregnant ewes under heat-stress conditions, in redox status and reproductive outcome. *Antioxidants*, 9 (3), Article number 266.
- 3.24. Nanas I, Chouzouris TM, Dadouli K, Dovolou E, Stamperna K, Barbagianni M, **Valasi I**, Tsiaras A, Amiridis GS (2020). A study on stress response and fertility parameters in phenotypically thermotolerant and thermosensitive dairy cows during summer heat stress. *Reproduction in Domestic Animals*, 00:1-10.



#### 4. Abstracts in proceedings of scientific meetings

- 4.1. Amiridis GS, **Valasi I**, Deligiannis C, Goulas P, Theodosiadou E, Lainas T (2004). Synchronization of ovulation and fixed time insemination in ewes. *Proceedings of the 15<sup>th</sup> International Congress on Animal Reproduction (Porto Seguro, Brazil)*, vol 2, p 340.
- 4.2. **Valasi I**, Goulas P, Menegatos J, Theodosiadou E, Deligiannis C, Amiridis GS (2004). Pregnancy rates after synchronization of ovulation in ewes. *Proceedings of the 8<sup>th</sup> Annual Congress of the European Society of Domestic Animal Reproduction (Warsaw, Poland)*, [*Reproduction in Domestic Animals*, vol 39(4), 288].
- 4.3. **Valasi I**, Goulas P, Menegatos J, Theodosiadou E, Deligiannis C, Amiridis GS (2005). Synchronization of ovulation and pregnancy rates in Karagouniko ewes. *4<sup>th</sup> Greek Farm Animal Veterinary Congress, Thessaloniki, Greece*, pp. 37-38.
- 4.4. **Valasi I**, Deligiannis C, Amiridis GS (2005). Effects of repeated follicular aspiration in prepubertal ewe-lambs on their future fertility. *Proceedings of the 6<sup>th</sup> International Sheep Veterinary Congress (Hersonissos, Greece)* p 315.
- 4.5. **Valasi I**, Papanikolaou Th, Deligiannis C, Theodosiadou E, Amiridis GS (2005). Effects of follicular aspiration on the number and the quality of collected oocytes from superovulated Karagouniko ewes. *Proceedings of the 6<sup>th</sup> International Sheep Veterinary Congress (Hersonissos, Greece)* p 373.
- 4.6. **Valasi I**, Papanikolaou Th, Dimitriadis I, Amiridis GS (2005). Single and repeated laparoscopic follicular aspiration in Karagouniko lambs. *Proceedings of the 6<sup>th</sup> International Sheep Veterinary Congress (Hersonissos, Greece)* p 374.
- 4.7. Papanikolaou Th, Dimitriadis I, **Valasi I**, Amiridis GS, Vainas E, Rekkas CA (2005). Plasmin enhances meiotic maturation of bovine oocytes in vitro. *Proceedings of the 9<sup>th</sup> Annual Congress of the European Society of Domestic Animal Reproduction (Murcia, Spain)*, [*Reproduction in Domestic Animals*, vol 40(4), 338].
- 4.8. **Valasi I**, Papanikolaou Th, Dimitriadis I, Deligiannis C, Amiridis GS (2005). Ovum pick-up (OPU) in dairy lambs does not affect onset of puberty and future fertility. *Proceedings of the 9<sup>th</sup> Annual Congress of the European Society of Domestic Animal Reproduction (Murcia, Spain)*, [*Reproduction in Domestic Animals*, vol 40 (4), 388].
- 4.9. Dimitriadis I, Rekkas EA, Papanikolaou Th, Vainas E, Amiridis GS, **Valasi I**, Rekkas CA (2005). Effect of guaiazulene on in vitro maturation of bovine oocytes. *Proceedings of the 9<sup>th</sup> Annual Congress of the European Society of Domestic Animal Reproduction (Murcia, Spain)*, [*Reproduction in Domestic Animals*, vol 40(4), 396].
- 4.10. Dimitriadis I, Papanikolaou Th, Vainas E, Amiridis GS, **Valasi I**, Samartzi F, Rekkas CA (2005). Effect of melatonin on in vitro maturation of bovine oocyte. *Proceedings of the 9<sup>th</sup> Annual Congress of the European Society of Domestic Animal Reproduction (Murcia, Spain)*, [*Reproduction in Domestic Animals*, vol 40(4), 397].
- 4.11. **Valasi I**, Papanikolaou Th, Deligiannis C, Goulas P, Amiridis GS (2006). OPU affects the developmental competence of lambs' oocytes at certain ages. *10<sup>th</sup> Greek Veterinary Congress, Athens, Greece*, p 180.
- 4.12. **Valasi I**, Prassinou NN, Goulas P+, Deligiannis C, Grigoropoulou V, Amiridis GS (2006). Effects of ovarian stimulation and follicular aspiration on growth and fertility of Karagouniko ewe-lambs. *10<sup>th</sup> Greek Veterinary Congress, Athens, Greece*, p 181.
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## 5. Articles in proceeding of scientific meetings

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- 5.2. **Valasi I**, Fthenakis GC (2014). Techniques for management of oestrous cycle in ewes. *Seminar ‘Clinical Applications on Sheep Reproduction’, Karditsa, Greece, Dec 2014 & Jan 2015, CEVA HELLAS*.

## Cumulative Impact Factor of Publications (JCR 2019)

Cumulative impact factor: 41.225

## Citations of publications

Total number of citations: 461

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