



IRENE VALASI
Professor
“Animal Physiology”

Surname	VALASI
Name	Irene
Father's name	Dimitrios
Nationality	Greek
Work address	University of Thessaly, School of Health Sciences, Faculty of Veterinary Science, Department of Physiology, Trikalon 224, 43100, Karditsa, Greece
Tel. no.	0030 2441066029
E-mail.	evalasi@uth.gr
Scopus Author ID	9943982900
ORCID	0000-0002-1689-7866

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-September 2024)
- Professor in “Animal Physiology”, Department of Physiology, Faculty of Veterinary Medicine, University of Thessaly, Greece (September 2024-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
- Oxidative stress and reproduction
- Antioxidants
- Control of oestrus activity
- 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-hormonaux 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-hormonales de la reproduction des chèvres et l'amélioration de la production' (BECO-2011-75-U-56115FT110, AUF). University of Zagreb, Croatia, Septembre 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.
- in seminar 'Good practices for writing proposals for research and innovation projects (RESEARCH AND INNOVATION ACTIONS-RIA) within the framework of the HORIZON 2020 program', Volos, February 2014.
- in seminar 'Modern Pedagogical Approaches for Teaching University Students" organized for the Faculty members of the Faculty of Veterinary Medicine of University of Thessaly, Karditsa, July 2017.
- in webinar 'Implementation of the General Regulation of Personal Data (EU) 2016/679' organized by the University of Thessaly in collaboration with the Priority Quality Consultants S.A., December 2020.
- in webinar 'Usage of Turnitin and AI writing tools' by Dr. Robin Crockett (University Academic Integrity Officer, University of Northampton, United Kingdom) and Glenn Thomas (UKI Turnitin Territory Manager) for the Faculty Members and teaching staff of the University of Thessaly (Library and Information Centre of University of Thessaly), February 2023.
- in webinars of seven modules on 'Basic Learning Cycle' organized by the Teaching and Learning Support Center (KE.DI.MA) of the University of Thessaly for the Faculty members and teaching staff of the University of Thessaly, March-May 2024.

INVITATIONS

- Invited lecturer in 5 national scientific meetings (October 2009-May 2015)
- Invited author of 2 review articles in Journal Animal Reproduction Science (2012), three research articles in Animals (2021-2022), one research article in Vaccines (2022) and one in Veterinary Sciences (2022).
- Invited author of the scientific manual entitled 'Health management of ewes during pregnancy' Ed. CEVA HELLAS SA (2013).
- Invited lecturer to 32nd World Veterinary Congress 'Valasi I, Vasileiou NG, Mavrogianni VS, Fthenakis GC (2015). Flock / Herd and Reproduction Management: Concepts and Applications'. 32nd World Veterinary Congress, September 13-17, Istanbul, Turkey, p 11.
- Invited editor of Special Issue in Journal Small Ruminant Research (2017)
- Invited lecturer in 2 CPD courses in Greece and Spain (2014/2015 and 2018)

- Invited editor of Special Issue in Journal Animals (August 2022-February 2024)
https://www.mdpi.com/journal/animals/special_issues/56I820TI29

PARTICIPATION IN SCIENTIFIC MEETINGS

1. 7th Panhellenic Veterinary Congress, Athens, Greece, November 1996
2. 5th Panhellenic Veterinary Companion Animal Congress, Athens, Greece, March 1998
3. 6th Panhellenic Veterinary Companion Animal Congress, Athens, Greece, March 2001
4. 10th Panhellenic Veterinary Congress, Thessaloniki, Greece, November 2002
5. 15th International Congress of Animal Reproduction, Porto Seguro, BA-Brazil, August 2004
6. 8th Congress of European Society of Domestic Animal Reproduction, Poland, September 2004.
7. 4th Panhellenic Congress of Domestic Animals, Thessaloniki, Greece, February 2005
8. 6th International Sheep Veterinary Congress, Hersonissos, Crete, Greece, June 2005
9. 9th Congress of European Society of Domestic Animal Reproduction, Murcia, Spain, September 2005.
10. 10th Panhellenic Veterinary Congress, Thessaloniki, Greece, February 2006
11. 10th Congress of European Society of Domestic Animal Reproduction, Portoroz-Lipica, Slovenia, September 2006.
12. 11^o Congress of European Society of Domestic Animal Reproduction, Celle, Germany, September 2007.
13. 1st Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Thessaloniki, Greece, 2008
14. 12th 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. 11th Panhellenic Veterinary Congress, Athens, Greece, March 2009
17. 14th Congress of European Society of Domestic Animal Reproduction, Eger, Hungary, September 2010.
18. 2nd Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Thessaloniki, Greece, March 2011
19. 12th Panhellenic Veterinary Congress, Athens, Greece, April 2012
20. 16th Congress of European Society of Domestic Animal Reproduction, Dublin, Ireland, Aug-Sep 2012.
21. Meeting SEE-ERA.NET PLUS, Thessaloniki, Greece, December 2012.
22. 3rd Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Ioannina, Greece, May 2014.
23. Annual Meeting of the European College of Small Ruminant Health Management (ECSRHM), London, UK, October 2014.
24. 13th Panhellenic Veterinary Congress, Athens, May 2015
25. 32nd World Veterinary Congress, Istanbul, Turkey, September 2015.
26. Meeting 'Epiconcept: Epigenetics and Periconception Environment, Cost Action FA1201, Hersonissos, Crete, Greece, October 2015.
27. 18th International Congress on Animal Reproduction, Le Vinci in Tours, France, June 2016.
28. 4^o Panhellenic Veterinary Congress for Farm Animals & Food Hygiene, Volos, Greece, May 2017.
29. 9th International Sheep Veterinary Congress, Harrogate, UK, May 2017.
30. Annual Meeting of the European College of Small Ruminant Health Management (ECSRHM), Thessaloniki, Greece, May 2018.

31. Annual Virtual Meeting of the European College of Small Ruminant Health Management (ECSRHM), October 2020.
32. Annual Virtual Meeting of the European College of Small Ruminant Health Management (ECSRHM), November 2021.
33. 25th Congress of European Society of Domestic Animal Reproduction, Thessaloniki, Greece, September 2022.
34. 10th International Sheep Veterinary Congress (ISVC), Seville, Spain, March 2023.
35. Annual Meeting of the European College of Small Ruminant Health Management (ECSRHM), Seville, Spain, March 2023.

ADVISOR OF PhD STUDENTS

Supervision

Of Dr Efterpi Bouroutzika

Title '*Melatonin administration during pregnancy in heat-stressed ewes: Study of reproductive traits, redox status, and proteome of ewes as well as of growth, oxidative balance, and immune response of their offspring*'. PhD Thesis, Faculty of Veterinary Science, University of Thessaly, Karditsa 2023.

Member of the advisory committee of PhD students

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 Science, 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 Science, University of Thessaly, Karditsa 2018.
3. of Dr Ioannis Nanas '*Study on the effects of heat stress on dairy cows' reproduction-differences between thermotolerant and thermosensitive individuals*'. PhD Thesis, Faculty of Veterinary Science, University of Thessaly, Karditsa 2021.
4. of Dr Zoi-Vasiliki Skaperna '*Study of redox status biomarkers in meat of farm animals*'. PhD Thesis, Department of Biochemistry and Biotechnology, University of Thessaly, Larissa 2022.
5. of Dr Antonios Politis '*Diseases and mortality of ewes during the peri-parturient period: frequency measures and risk factors*'. PhD Thesis, Faculty of Veterinary Science, University of Thessaly, Karditsa 2022.
6. of Dr Konstantina Staberna '*Study on the effects of heat stress on in vitro embryo production and the oviductal environment in cattle*'. PhD Thesis, Faculty of Veterinary Science, University of Thessaly, Karditsa 2023.
7. of Dr Dionisis Antonopoulos '*Study of the genetic polymorphisms of the main proteins in Greek Milk with the aim using them as a genetic fingerprinting in the production and the authentication*'. PhD Thesis, School of Food Science, University of West Attica, Athens 2024.
8. of PhD student Evaggelos-Georgios Stampinas, Faculty of Veterinary Science, University of Thessaly, 30-03-2023 to present.

Member of the advisory committee of MSc students

1. Supervisor of Maria-Chrysovalantou Statira '*Induction of oestrus and fertility of ewe-lambs after short progestogen treatment*'. MSc Thesis, General Department of Larissa, University of Thessaly, Larissa 2020.
2. Member of the advisory committee of Paraskevi-Maria Nechalioti '*Assessment of redox-related biomarkers in blood samples from different sheep breeds and their*

correlation with antioxidant milk capacity'. MSc Thesis, Department of Biochemistry and Biotechnology, University of Thessaly, Larissa 2022.

3. Member of the advisory committee of Evaggelos-Georgios Stampinas '*Redox status after vaccination of pregnant ewes*'. MSc Thesis, Department of Biochemistry and Biotechnology, University of Thessaly, Larissa 2022.

MEMBER IN SCIENTIFIC SOCIETIES

- Hellenic Veterinary Medical Society
- Geotechnical Chamber of Greece
- Hellenic Veterinary Medical Society
- European College of Small Ruminant Health Management
- European Society of Domestic Animal Reproduction

ADMINISTRATIVE DUTIES IN THE UNIVERSITY OF THESSALY

- Member of the Academic Board, Faculty of Veterinary Medicine, University of Thessaly (2011-present)
- Member of the Committee of Graduate Admission, Faculty of Veterinary Medicine UTH (2011- 2023)
- Member of the Committee of Equal Access of People with Disabilities 'PROSVASI' at the University of Thessaly (2012-present)
- Academic Counsellor for PROSVASI, Faculty of Veterinary Medicine UTH (2012-present)
- Member of the Committee of Quality Assurance, Faculty of Veterinary Medicine UTH (2013-present)
- Member of the Committee of Education, Faculty of Veterinary Medicine UTH (2016-present)
- Member of the Committee for writing Self-Evaluation Report for evaluation by European Association of Establishments for Veterinary Education (EAEVE), Faculty of Veterinary Medicine UTH (2017)
- Member of the Committee of PhD Studies, Faculty of Veterinary Medicine UTH (2018- 2023)
- Deputy academic coordinator for ERASMUS program, Faculty of Veterinary Medicine UTH (2020-present)
- Member of Animal Use Ethics Committee, Faculty of Veterinary Medicine UTH (2021-present)
- Director of the Division of Animal Structure and Function (2021-present)
- Academic supervisor for students internships (2024-present)

REFEREE IN SCIENTIFIC JOURNALS

March 2009 – present: Animals, Antioxidants, Biomolecules, BMC Veterinary Research, Current Issues in Molecular Biology, Genes, International Journal of Molecular Sciences, Journal of Fungi, Journal of the Hellenic Veterinary Medical Society, Life, Metabolites, Molecules, Reproduction in Domestic Animals, Reproduction, Fertility and Development, Small Ruminant Research, Theriogenology, Veterinary Sciences

REVIEWER OF RESEARCH PROPOSAL

March 2020 – present: certified reviewer of General Secretariat for Research and Innovation of Greece – GSRI

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. 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. ISBN 978-618-80678-0-6, Ed. CEVA HELLAS SA.
- 2.9. **Valasi I**, Petridis IG, Barbagianni MS, Fthenakis GC (2017). Ovine ultrasonography: Use of ultrasonographic examination in sheep health management. *Small Ruminant Research* 152: 1. <https://doi.org/10.1016/j.smallrumres.2016.12.001>. Preface.
- 2.10. **Valasi I** (2022). Excretory Systems (translation in greek). *Animal Physiology, From Genes to Organisms (Sherwood L, Klandorf H, Yancey HP)* Editing in greek, Gaitanaki A (Greek Ed). pp. 663-728. Broken Hill Publishers Ltd, Nicosia, Cyprus.
- 2.11. **Valasi I** (2022). Reproductive Systems (translation and editing in greek). *Animal Physiology, From Genes to Organisms (Sherwood L, Klandorf H, Yancey HP)*, Editing in greek, Gaitanaki A. pp. 907-976. Broken Hill Publishers Ltd, Nicosia, Cyprus.
- 2.12. **Valasi I**, Theodosiadou EK (2022). Management of Stress Impact on Domestic Animals Physiology and Welfare. *Animals* 14, https://www.mdpi.com/journal/animals/special_issues/56I820TI29

3. Review Articles

- 3.1. **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. <https://doi.org/10.1016/j.anireprosci.2012.01.005>
- 3.2. 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. <https://doi.org/10.1016/j.anireprosci.2012.01.016>

- 3.3. 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. <https://doi.org/10.1016/j.smallrumres.2016.12.008>
- 3.4. **Valasi I**, Barbagianni MS, Ioannidi KS, Vasileiou NGC, Fthenakis GC, Pourlis A (2017). Developmental anatomy of sheep embryos, as assessed by means of ultrasonographic evaluation. *Small Ruminant Research* 152:56-73. <https://doi.org/10.1016/j.smallrumres.2016.12.016>
- 3.5. 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. <https://doi.org/10.1016/j.smallrumres.2016.12.014>

4. Research Articles

- 4.1. 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. <https://doi.org/10.1111/j.1439-0531.2004.00534.x>
- 4.2. 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. <https://doi.org/10.1071/RD05068>
- 4.3. **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. <https://doi.org/10.1016/j.theriogenology.2006.07.001>.
- 4.4. **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. <https://doi.org/10.1111/j.1439-0531.2006.00757.x>
- 4.5. **Valasi I**, Leontides L, Menegatos I, Amiridis Gs (2007). Oestradiol concentration as a predictor of ovarian response in FSH stimulated ewe-lambs. *Animal Reproduction Science*, 102(1-2): 145-151. <https://doi.org/10.1016/j.anireprosci.2007.02.006>
- 4.6. 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). <https://doi.org/10.12681/jhvms.16100>
- 4.7. 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). <https://doi.org/10.12681/jhvms.14946>
- 4.8. 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). <https://doi.org/10.12681/jhvms.14947>
- 4.9. 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. <https://doi.org/10.1556/avet.57.2009.2.13>
- 4.10. **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. <https://doi.org/10.1016/j.smallrumres.2009.05.002>

- 4.11. 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. <https://doi.org/10.1016/j.vetpar.2010.11.045>
- 4.12. **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. <https://doi.org/10.1016/j.anireprosci.2013.02.026>
- 4.13. 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. <https://doi.org/10.12681/jhvms.15588>
- 4.14. 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. <https://doi.org/10.12681/jhvms.15588>
- 4.15. 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. <https://doi.org/10.1017/S0022029915000382>
- 4.16. 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. <https://doi.org/10.1016/j.smallrumres.2015.07.002>
- 4.17. 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. <https://doi.org/10.1016/j.smallrumres.2015.10.017>
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