

## Assoc. Prof. AYKUT GRAM

### Personal Information

**Office Phone:** [+90 352 207 6666](tel:+903522076666) Extension: 29869

**Email:** [aykutgram@erciyes.edu.tr](mailto:aykutgram@erciyes.edu.tr)

**Other Email:** [aykutgram@gmail.com](mailto:aykutgram@gmail.com)

**Web:** <https://avesis.erciyes.edu.tr/aykutgram>

### International Researcher IDs

ORCID: 0000-0002-7490-5836

Publons / Web Of Science ResearcherID: B-5135-2018

ScopusID: 50161368700

Yoksis Researcher ID: 233911

### Education Information

Post Doctorate, Universitaet Zürich (University of Zürich), Vetsuisse-Faculty, Veterinaranatomisches Institut, Switzerland  
2013 - 2019

Post Doctorate, Justus-Liebig Universitaet Giessen, Faculty of Veterinary Medicine, Clinic for Obstetrics, Gynecology and  
Andrology of Large and Small Animals, Germany 2018 - 2018

Post Doctorate, North Dakota State University, Animal Science, United States Of America 2016 - 2016

Post Doctorate, Ludwig-Maximilians-Universitaet München, Gene Center, Germany 2014 - 2014

Doctorate, Universitaet Zürich (University of Zürich), Vetsuisse Faculty, Institute of Veterinary Anatomy, Switzerland  
2010 - 2013

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Veterinary Medicine, Turkey 2004 - 2009

### Certificates, Courses and Trainings

Education Management and Planning, Resolving conflicts constructively, Universitaet Zürich (University of Zürich), 2019

Education Management and Planning, Developing effective learning activities, Universitaet Zürich (University of Zürich),  
2019

Education Management and Planning, Supervising and supporting student academic writing in English, Universitaet  
Zürich (University of Zürich), 2019

Education Management and Planning, Classroom assessment techniques, Universitaet Zürich (University of Zürich),  
2019

Education Management and Planning, Début – First Steps in University Teaching, Universitaet Zürich (University of  
Zürich), 2019

Health&Medicine, Introductory Course in Laboratory Animal Science (Felesa Category B), Universitaet Zürich  
(University of Zürich), 2014

Education Management and Planning, Writing Research Papers for Publication, Universitaet Zürich (University of  
Zürich), 2012

### Research Areas

Health Sciences

## Academic Titles / Tasks

Assistant Professor, Erciyes University, Veteriner Fakültesi, Temel Bilimler, 2019 - Continues

Assistant Professor, Universitaet Zürich (University of Zürich), Institute of Veterinary Anatomy, 2017 - 2019

Research Assistant PhD, Universitaet Zürich (University of Zürich), Institute of Veterinary Anatomy, 2013 - 2017

## Courses

Erkek ve Dişi Üreme Organlarının Anatomisi ve Histolojisi, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016

Anatomy, Embryology and Histology of the Skin, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Anatomy of the Thorax , Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Expression of GnRH, Kisspeptin, and Their Specific Receptors in the Ovary and Uterus in Deslorelin-Treated Late-Prepubertal Bitches**  
Karadağ M. A., Gram A., Schäfer-Somi S., Aslan S., Kaya D.  
VETERINARY SCIENCES, vol.11, no.12, 2024 (SCI-Expanded)
- II. **The effects of the activation of TLR2/TLR1 on *in vitro* angiogenesis in an immortalized ovine luteal endothelial cell line**  
YAMAN GRAM D., ABAY M., LİMAN N., Tekin M., Kowalewski M. P., GRAM A.  
REPRODUCTION, vol.168, no.4, 2024 (SCI-Expanded)
- III. **The effects of follicle stimulating hormone (FSH)-induced controlled ovarian hyperstimulation and nutrition on implantation-related gene expression in caruncular tissues of non-pregnant sheep.**  
Bedir Ö., Gram A., Grazul-Bilska A. T., Kowalewski M. P.  
Theriogenology, vol.195, pp.229-237, 2023 (SCI-Expanded)
- IV. **The Efficacy of a 3 beta-Hydroxysteroid Dehydrogenase Inhibitor for the Termination of Mid-Term Pregnancies in Dogs**  
Binli F., Inan I., Buyukbudak F., GRAM A., KAYA D., LİMAN N., Aslan S., FINDIK M., AY S. S.  
ANIMALS, vol.12, no.18, 2022 (SCI-Expanded)
- V. **Testicular Expression of Antioxidant Enzymes and Changes in Response to a Slow-Release Deslorelin Implant (Suprelorin (R) 4.7 mg) in the Dog**  
YAMAN GRAM D., Sexton B., LİMAN N., Muller L., ABAY M., GRAM A., Balogh O.  
ANIMALS, vol.12, no.18, 2022 (SCI-Expanded)
- VI. **Molecular Mechanisms of Lipopolysaccharide (LPS) Induced Inflammation in an Immortalized Ovine Luteal Endothelial Cell Line (OLENDO)**  
GRAM A., Kowalewski M. P.  
VETERINARY SCIENCES, vol.9, no.3, 2022 (SCI-Expanded)
- VII. **Plane of nutrition and FSH-induced superovulation affect the expression of steroid hormone receptors and growth factors in caruncular tissue of non-pregnant sheep.**  
Bedir Ö., Gram A., Dorsam S. T., Grazul-Bilska A. T., Kowalewski M. P.  
Domestic animal endocrinology, vol.78, pp.106683, 2022 (SCI-Expanded)
- VIII. **Anti-Mullerian hormone, testosterone, and insulin-like peptide 3 as biomarkers of Sertoli and Leydig cell function during deslorelin-induced testicular downregulation in the dog**  
Balogh O., Somoskoi B., Kollar E., Kowalewski M. P., Gram A., Reichler I. M., Klein R., Kawate N., Mester L., Walter B., et al.  
THERIOGENOLOGY, vol.175, pp.100-110, 2021 (SCI-Expanded)

- IX. Implications of the RhoA/Rho associated kinase pathway and leptin in primary uterine inertia in the dog**  
Frehner B. L., Reichler I. M., Kowalewski M. P., Gram A., Keller S., Goericke-Pesch S., Balogh O.  
JOURNAL OF REPRODUCTION AND DEVELOPMENT, vol.67, no.3, pp.207-215, 2021 (SCI-Expanded)
- X. Testicular expression of antioxidant enzymes in adult, deslorelin-treated and prepubertal dogs**  
YAMAN GRAM D., LİMAN N., Mueller L., GRAM A., Balogh O.  
REPRODUCTION IN DOMESTIC ANIMALS, vol.56, pp.42, 2021 (SCI-Expanded)
- XI. Canine Endotheliochorial Placenta: Morpho-Functional Aspects.**  
Kowalewski M. P., Kazemian A., Klisch K., Gysin T., Tavares Pereira M., Gram A.  
Advances in anatomy, embryology, and cell biology, vol.234, pp.155-179, 2021 (SCI-Expanded)
- XII. Progesterone receptor blockers: historical perspective, mode of function and insights into clinical and scientific applications.**  
Kowalewski M. P., Pereira M. T., Papa P., Gram A.  
Tierärztliche Praxis. Ausgabe K, Kleintiere/Heimtiere, vol.48, pp.433-440, 2020 (SCI-Expanded)
- XIII. Lipopolysaccharide disrupts gap junctional intercellular communication in an immortalized ovine luteal endothelial cell line**  
Gram A., Grazul-Bilska A. T., Boos A., Rahman N. A., Kowalewski M. P.  
Toxicology in Vitro, vol.60, pp.437-449, 2019 (SCI-Expanded)
- XIV. Prostaglandin-mediated effects in early canine corpus luteum: In vivo effects on vascular and immune factors**  
Tavares Pereira M., Gram A., Nowaczyk R., Boos A., Hoffmann B., Janowski T., Kowalewski M. P.  
Reproductive Biology, vol.19, no.1, pp.100-111, 2019 (SCI-Expanded)
- XV. Angiopoietin expression in ovine corpora lutea during the luteal phase: Effects of nutrition, arginine and follicle stimulating hormone**  
Gram A., Redmer D. A., Kowalewski M. P., Dorsam S. T., Valkov V., Warang P., Reyaz A., Bass C. S., Kaminski S. L., Grazul-Bilska A. T.  
General and Comparative Endocrinology, vol.269, pp.131-140, 2018 (SCI-Expanded)
- XVI. Luteal ANGPT-TIE system during selected stages of pregnancy, and normal and antigestagen-induced luteolysis in the dog**  
Gram A., Pereira M. T., Boos A., Grazul-Bilska A. T., Kowalewski M. P.  
REPRODUCTION, vol.156, no.5, pp.451-461, 2018 (SCI-Expanded)
- XVII. Expression of GnRH receptor in the canine corpus luteum, and luteal function following deslorelin acetate-induced puberty delay**  
Kaya D., Gram A., Kowalewski M., Schäfer-Somi S., Kuru M., Boos A., Aslan S.  
Reproduction in Domestic Animals, vol.52, no.6, pp.1104-1112, 2017 (SCI-Expanded)
- XVIII. Transcriptome analysis reveals differences in mechanisms regulating cessation of luteal function in pregnant and non-pregnant dogs**  
Zatta S., Rehrauer H., Gram A., Boos A., Kowalewski M. P.  
BMC Genomics, vol.18, no.1, 2017 (SCI-Expanded)
- XIX. Uterine responses to early pre-attachment embryos in the domestic dog and comparisons with other domestic animal species**  
Graubner F. R., Gram A., Kautz E., Bauersachs S., Aslan S., Agaoglu A. R., Boos A., Kowalewski M. P.  
Biology of Reproduction, vol.97, no.2, pp.197-216, 2017 (SCI-Expanded)
- XX. Cells expressing CD4, CD8, MHCII and endoglin in the canine corpus luteum of pregnancy, and prepartum activation of the luteal TNF $\alpha$  system**  
Nowaczyk R. M., Jursza-Piotrowska E., Gram A., Siemieniuch M. J., Boos A., Kowalewski M. P.  
Theriogenology, vol.98, pp.123-132, 2017 (SCI-Expanded)
- XXI. Cellular localization, expression and functional implications of the utero-placental endothelin system during maintenance and termination of canine gestation**  
Gram A., Boos A., Kowalewski M. P.  
Journal of Reproduction and Development, vol.63, no.3, pp.235-245, 2017 (SCI-Expanded)

- XXII. **Functional implications of the utero-placental relaxin (RLN) system in the dog throughout pregnancy and at term**  
Nowak M., Gram A., Boos A., Aslan S., Ay S. S., Önyay F., Kowalewski M. P.  
Reproduction, vol.154, no.4, pp.415-431, 2017 (SCI-Expanded)
- XXIII. **Elevated utero/placental GR/NR3C1 is not required for the induction of parturition in the dog**  
Gram A., Trachsel A., Boos A., Kowalewski M. P.  
Reproduction, vol.152, no.4, pp.303-311, 2016 (SCI-Expanded)
- XXIV. **Expression and localization of vascular endothelial growth factor A (VEGFA) and its two receptors (VEGFR1/FLT1 and VEGFR2/FLK1/KDR) in the canine corpus luteum and utero-placental compartments during pregnancy and at normal and induced parturition**  
Gram A., Hoffmann B., Boos A., Kowalewski M. P.  
General and Comparative Endocrinology, vol.223, pp.54-65, 2015 (SCI-Expanded)
- XXV. **Expression and functional implications of luteal endothelins in pregnant and non-pregnant dogs**  
Gram A., Latter S., Boos A., Hoffmann B., Kowalewski M. P.  
Reproduction, vol.150, no.5, pp.405-415, 2015 (SCI-Expanded)
- XXVI. **In vitro decidualisation of canine uterine stromal cells**  
Kautz E., de Carvalho Papa P., Reichler I. M., Gram A., Boos A., Kowalewski M. P.  
Reproductive Biology and Endocrinology, vol.13, no.1, 2015 (SCI-Expanded)
- XXVII. **Leptin in the canine uterus and placenta: Possible implications in pregnancy**  
Balogh O., Staub L. P., Gram A., Boos A., Kowalewski M. P., Reichler I. M.  
Reproductive Biology and Endocrinology, vol.13, no.1, 2015 (SCI-Expanded)
- XXVIII. **The role of hypoxia and HIF1 $\alpha$  in the regulation of STAR-mediated steroidogenesis in granulosa cells**  
Kowalewski M. P., Gram A., Boos A.  
Molecular and Cellular Endocrinology, vol.401, pp.35-44, 2015 (SCI-Expanded)
- XXIX. **GnRH and its receptor (GnRH-R) are expressed in the canine placenta and uterus**  
Schäfer-Somi S., Kowalewski M., Kanca H., Bozkurt M., Gram A., Sabitzer S., Kucukaslan I., Ay S., Aslan S.  
Theriogenology, vol.84, no.9, pp.1482-1489, 2015 (SCI-Expanded)
- XXX. **Formation of the early canine CL and the role of prostaglandin E2 (PGE2) in regulation of its function: An invivo approach**  
Kowalewski M., Ihle S., Siemieniuch M., Gram A., Boos A., Zduńczyk S., Fingerhut J., Hoffmann B., Schuler G., Jurczak A., et al.  
Theriogenology, vol.83, no.6, pp.1038-1047, 2015 (SCI-Expanded)
- XXXI. **The Dog: Nonconformist, Not Only in Maternal Recognition Signaling**  
Kowalewski M. P., Gram A., Kautz E., Graubner F. R.  
REGULATION OF IMPLANTATION AND ESTABLISHMENT OF PREGNANCY IN MAMMALS: TRIBUTE TO 45 YEAR ANNIVERSARY OF ROGER V. SHORT'S MATERNAL RECOGNITION OF PREGNANCY, vol.216, pp.215-237, 2015 (SCI-Expanded)
- XXXII. **Uterine and placental expression of canine oxytocin receptor during pregnancy and normal and induced parturition**  
Gram A., Boos A., Kowalewski M.  
Reproduction in Domestic Animals, vol.49, pp.41-49, 2014 (SCI-Expanded)
- XXXIII. **Expression of genes involved in the embryo-maternal interaction in the early-pregnant canine uterus**  
Kautz E., Gram A., Aslan S., Ay S., Selçuk M., Kanca H., Koldaş E., Akal E., Karakaş K., Findik M., et al.  
Reproduction, vol.147, no.5, pp.703-717, 2014 (SCI-Expanded)
- XXXIV. **Canine placental prostaglandin E2 synthase: Expression, localization, and biological functions in providing substrates for prepartum PGF2 $\alpha$  synthesis**  
Gram A., Fox B., Büchler U., Boos A., Hoffmann B., Kowalewski M. P.  
Biology of Reproduction, vol.91, no.6, 2014 (SCI-Expanded)
- XXXV. **Biosynthesis and degradation of canine placental prostaglandins: Prepartum changes in expression and function of prostaglandin F2 $\alpha$ -synthase (PGFS, AKR1C3) and 15-hydroxyprostaglandin**

### **dehydrogenase (HPGD)**

Gram A., Büchler U., Boos A., Hoffmann B., Kowalewski M. P.

Biology of Reproduction, vol.89, no.1, 2013 (SCI-Expanded)

### **XXXVI. Prostaglandin E2 functions as a luteotrophic factor in the dog**

Kowalewski M. P., Fox B., Gram A., Boos A., Reichler I.

Reproduction, vol.145, no.3, pp.213-226, 2013 (SCI-Expanded)

### **XXXVII. Luteal and placental function in the bitch: Spatio-temporal changes in prolactin receptor (PRLr) expression at dioestrus, pregnancy and normal and induced parturition**

Kowalewski M. P., Michel E., Gram A., Boos A., Guscetti F., Hoffmann B., Aslan S., Reichler I.

Reproductive Biology and Endocrinology, vol.9, 2011 (SCI-Expanded)

## **Articles Published in Other Journals**

- I. **Prostaglandin E2`nin Koyunlarda Erken Luteal Dönemde Korpus Luteum Üzerine Etkisi**  
GRAM A.  
Erciyes Üniversitesi Veteriner Fakültesi Dergisi, 2020 (Peer-Reviewed Journal)
- II. **Suspected anesthesia associated esophageal stricture formation in a cat**  
Gültiken N., Pekmezci D., Ay S. S., Koldaş E., Gram A.  
Istanbul Üniversitesi Veteriner Fakültesi Dergisi, vol.40, no.2, pp.270-274, 2014 (Scopus)

## **Refereed Congress / Symposium Publications in Proceedings**

- I. **TLR2/TLR1 agonisti Pam3CSK4 tedavisinin, koyun luteal mikrovasküler endotel hücrelerinin anjiyojenik potansiyeli üzerindeki etkisi**  
ABAY M., YAMAN GRAM D., LİMAN N., KOWALEWSKI M. P., GRAM A.  
IX. National ve III. International Congress of Turkish Society of Veterinary Gynaecology, Antalya, Turkey, 24 - 27 March 2022, pp.156-157
- II. **Effects of follicle stimulating hormone (FSH)-induced controlled ovarian hyperstimulation and nutrition on gene expression in ovine endometrium**  
Bedir O., Gram A., Grazul-Bilska A., Kowalewski M. P.  
53rd Annual Conference of Physiology and Pathology of Reproduction / 45th Joint Conference of Veterinary and Human Reproductive Medicine, Rostock, Germany, 26 - 28 February 2020, vol.55, pp.4-5
- III. **Lipopolysaccharide (LPS)-mediated Reduction in Gap Junctional Intercellular Communication in Ovine Luteal Endothelial Cells (OLENDO)**  
GRAM A., Boos A., Grazul Bilska A., Kowalewski M.  
European Association of Veterinary Anatomists Congress, Hannover, Germany, 25 - 28 July 2018
- IV. **Prostaglandin-mediated Effects in Early Canine Corpus Luteum (CL) - New Insights into Luteal Vascularization and Immunity.**  
Pereira M. T., GRAM A., Bernd H., TA J., BOOS A., KOWALEWSKI M.  
51th Annual Meeting of the Society for the Study of Reproduction (SSR), NEW ORLEANS, United States Of America, 10 - 13 July 2018
- V. **Effect of Lipopolysaccharide (LPS) Treatment on Gap Junctional Intercellular Communication in Ovine Luteal Endothelial Cells (OLENDO)**  
GRAM A., Boos A., Anna G. B., MP K.  
51th Annual Meeting of the Society for the Study of Reproduction (SSR), NEW ORLEANS, United States Of America, 10 - 13 July 2018
- VI. **Effects of FSH and nutrition on the luteal angiopoietin (Angpt) system in ewes**  
GRAM A.  
The European Society for Domestic Animal Reproduction, Bern, Switzerland, 24 - 26 August 2017

- VII. **Effect of nutrition plane, arginine supplementation and FSH-treatment on ovine luteal angiotensin system**  
 GRAM A., REDMER D., KOWALEWSKI M., DORSAM S., VALKOV V., Warang P., REYAZ A., CASIE B., Kaminski S., GRAZUL BILSKA A.  
 50th Annual Meeting of the Society for the Study of Reproduction (SSR), Washington, Kiribati, 14 - 20 July 2017
- VIII. **Luteal vascularization during maintenance and termination of CL function**  
 GRAM A.  
 Selected aspects of functional microanatomy of domestic animals: female reproductive organs and porcine intestine", Zürich, Switzerland, 14 October 2016
- IX. **Transcriptome analysis of canine corpus luteum CL during luteal regression and normal and induced luteolysis**  
 SOPHIE L., GRAM A., BOOS A., KOWALEWSKI M.  
 49. Jahrestagung "Physiologie und Pathologie der Fortpflanzung, Leipzig, Germany, 2 October - 02 December 2016
- X. **Spatio temporal expression of relaxin RLN and its receptors RXFP1 RXFP2 in canine reproductive tissues throughout gestation and at normal and induced parturition progesterone receptors mediated effects**  
 NOWAK M., GRAM A., BOOS A., KOWALEWSKI M.  
 SSR 49th Annual Meeting, California, United States Of America, 16 - 20 July 2016
- XI. **Canine luteal function following deslorelin induced puberty delay**  
 KAYA D., GRAM A., ASLAN S., SCHFER SOMI S., KURU M., KOWALEWSKI M.  
 The 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION, Paris, France, 22 - 25 June 2016
- XII. **Expression and functional implications of luteal angiotensins in pregnant dogs**  
 GRAM A., GRAZUL BILSKA A., BOOS A., HOFFMANN B., KOWALEWSKI M.  
 The 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION, Paris, France, 22 - 25 June 2016
- XIII. **The crafty and cunning canine CL understanding its development and regulation**  
 MARIUSZ K., LATTE S., GRAM A.  
 The 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION, 22 - 25 June 2016
- XIV. **Expression of relaxin RLN and its receptors in canine reproductive tissues**  
 NOWAK M., GRAM A., BOOS A., KOWALEWSKI M.  
 The 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION, Paris, France, 22 - 25 June 2016
- XV. **Endocrine control of canine pregnancy and parturition**  
 GRAM A.  
 Animal science seminar, North Dakota State Üniversitesi, Faro, Portugal, 03 March 2016
- XVI. **Expression and distribution patterns of selected extracellular matrix proteins during the onset and maintenance of pregnancy in the canine uterus**  
 GRAUBNER F., GRAM A., AY S. S., FINDIK M., ASLAN S., ALOIS B., KOWALEWSKI M.  
 49. Jahrestagung "Physiologie und Pathologie der Fortpflanzung, Leipzig, Germany, 10 - 12 February 2016
- XVII. **Global transcriptomic analysis and profiling of the canine early pregnant preimplantation uterus and expression and distribution patterns of selected extracellular matrix proteins**  
 GRAUBNER F., KAUTZ E., GRAM A., BAUERSACKS S., AY S. S., FINDIK M., ASLAN S., BOOS A., KOWALEWSKI M.  
 48th Annual Meeting of the Society for the Study of Reproduction, San Juan, Argentina, 18 - 22 June 2015
- XVIII. **Expression and localization of angiogenic and vasoactive factors in canine corpus luteum during pregnancy and non pregnant cycles**  
 GRAM A., BOOS A., HOFFMANN B., MARIUSZ K.  
 48th Annual Meeting of the Society for the Study of Reproduction, San Juan, Argentina, 18 - 22 June 2015
- XIX. **Role of angiogenic and vasoactive factors in regulation of canine luteal function**  
 GRAM A., BOOS A., HOFFMANN B., KOWALEWSKI M.  
 48th Jahrestagung Physiologie und Pathologie der Fortpflanzung und 40. Veterinär-Humanmedizinische

Gemeinschaftstagung 2015 (Februartagung), Zürich, Switzerland, 11 - 13 February 2015, vol.50, pp.1-77

- XX. **Induction of parturition in the dog expression and functional implications of the glucocorticoid receptor GR NR3C1**  
TRACHSEL A., GRAM A., BOOS A., KOWALEWSKI M.  
47. Jahrestagung Physiologie und Pathologie der Fortpflanzung und 39.  
VeterinärHumanmedizinischeGemeinschaftstagung 2014 (Februartagung), Giessen, Germany, 27 February - 28  
March 2014, vol.49, pp.1-52
- XXI. **Spatio temporal expression and biological activity of canine prostaglandin E2 synthase PGES in the utero placental compartment throughout gestation and at parturition**  
GRAM A., BÜCHLER U., FOX B., ALOIS B., HOFFMANN B., MARIUSZ K.  
47th Annual Meeting of the Society for the Study of Reproduction, United States Of America, 19 - 23 July 2014
- XXII. **Luteal expression of endothelins ET 1 2 3 and ET receptors A and B ETA and ETB during dioestrus pregnancy and normal or induced parturition**  
GRAM A., BOOS A., KOWALEWSKI M.  
Ludwig-Fraenkel Symposium: Endocrine Control of CorpusLuteum Function, Wroclaw, Poland, 5 - 06 September  
2013
- XXIII. **Expression of tumor necrosis factor alpha TNF and its receptors TNFRI AND TNFRII in the corpus luteum CL of pregnant and non pregnant dogs**  
JURSZCA E., GRAM A., SIEMIENUCH M., BOOS A., KOWALEWSKI M.  
Ludwig-Fraenkel Symposium: Endocrine Control of Corpus Luteum Function, Wroclaw, Poland, 5 - 06 September  
2013
- XXIV. **Impact of oxygen concentration of steroidogenic properties of granulose cells under cell culture conditions STAR mediated effects**  
MARIUSZ K., GRAM A., BOOS A.  
46th Annual Meeting of the Society for the Study of Reproduction, Canada, 22 - 26 July 2013
- XXV. **Uterine and placental expression of canine oxytocin receptor OTR during pregnancy and normal and induced parturition**  
GRAM A., ALOIS B., KOWALEWSKI M.  
16th The European Veterinary Society for Small Animal Reproduction (EVSSAR), Toulouse, France, 5 - 06 July  
2013
- XXVI. **Localization of leptin and leptin receptor in the canine corpus luteum uterus and placenta during pregnancy**  
STAUB L., BALOGH O., GRAM A., BOOS A., KOWALEWSKI M., REICHLER I.  
16th The European Veterinary Society for Small Animal Reproduction (EVSSAR), Toulouse, France, 5 - 06 July  
2013
- XXVII. **Uteroplacental and luteal expression of canine endothelin receptors A and B ETA and ETB during pregnancy and normal and induced parturition**  
GRAM A., BOOS A., KOWALEWSKI M.  
46th AnnualConference of Physiology and Pathology of Reproduction (Februartagung), Gdansk, Poland, 22 - 26  
July 2013, vol.13, pp.10-11
- XXVIII. **Hypoxia and steroidogenesis not only foes**  
KOWALEWSKI M., GRAM A., ALOIS B.  
46th Annual Conference of Physiology and Pathology of Reproduction (Februartagung), Gdansk, Poland, 27  
February - 01 March 2013, vol.13, pp.12-13
- XXIX. **Molecular insights in the biosynthesis and degradation of canineplacental prostaglandins**  
GRAM A.  
Konferans, Kayseri, Turkey, 03 January 2013
- XXX. **Molecular insights in the biosynthesis and degradation of canine placental prostaglandins Expression and biological function of prostaglandin F2 synthase PGFS and 15 prostaglandin dehydrogenase 15PGDH**  
GRAM A., URS B., BOOS A., HOFFMANN B., KOWALEWSKI M.

7th International Symposium on Canine and Feline Reproduction (ISCFR), WHISTLER, Canada, 26 - 29 July 2012

XXXI. **Expression and Biological Function of Canine Prostaglandin PGF<sub>2</sub> Synthase PGFS and 15 prostaglandin Dehydrogenase 15 PGDH in Canine utero placental Compartment Throughout Gestation**  
GRAM A., buchler u., boos a., hoffmann b., kowalewski m.

45th Annual Conference of Physiology and Pathology of Reproduction, Berlin, Germany, 29 February - 02 March 2012, vol.47, pp.1-63

XXXII. **Esophageal stricture in a cat associated with recurrent anesthesia**  
GÜLTİKEN N., PEKMEZCİ D., AY S. S., KOLDAŞ E., GRAM A.

IV National Veterinary Gynecology and Obstetrics Congress, Antalya, Turkey, 4 - 07 November 2009

## Supported Projects

Al S., Al Ö., İncili G. K., Yaman Gram D., Dışhan A., Hayaloğlu A. A., Gram A., R&D Project of Group B, Latilactobacillus sakei'den elde edilen postbiyotiğin intestinal mikrobiyota ve Salmonella enfeksiyonunda intestinal epitel bağlantı proteinleri ve hücre sel doğal yanıt üzerine in vivo etkisinin değerlendirilmesi, 2024 - 2026

LİMAN N., APAYDIN N., GRAM A., Project Supported by Higher Education Institutions, Puberte öncesi ve erişkin dönemdeki evcil kedinin Felis catus testis ve epididimisinde epidermal büyüme faktörü reseptör ve ligandlarının lokalizasyon ve ekspresyon profilleri, 2020 - 2023

GRAM A., TUBITAK Project, Koyun luteal endotel hücrelerinde (OLENDO) lipopolisakkarit (LPS) ile ilişkili yangısal mekanizmanın araştırılması, 2020 - 2021

## Scientific Refereeing

TUBITAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Erciyes University, Turkey, March 2021

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Erciyes University, Turkey, September 2020

## Metrics

Publication: 72

Citation (WoS): 378

Citation (Scopus): 378

H-Index (WoS): 12

H-Index (Scopus): 12

## Congress and Symposium Activities

Workshop on Gonadal Function, Gamete Interaction and Pregnancy, Invited Speaker, Giessen, Germany, 2017

Center for Applied Biotechnology and Molecular Medicine, Invited Speaker, Zürich, Switzerland, 2016

Workshop on Gonadal Function, Gamete Interaction and Pregnancy, Invited Speaker, Lublin, Poland, 2016

Workshop on Gonadal Function, Gamete Interaction and Pregnancy, Invited Speaker, Vienna, Austria, 2015

## Invited Talks

Molecular aspects and control of angiogenesis in the mammalian corpus luteum , Conference, Zürich Üniversitesi, Switzerland, March 2022



Embryo-maternal communication and different strategies of maternal recognition of pregnancy , Conference, Universitaet Zrich (University of Zrich), Switzerland, May 2020

Endocrine control of canine pregnancy and parturition, Seminar, North Dakota State University, United States Of America, March 2016

Molecular insights in the biosynthesis and degradation of canine placental prostaglandins., Conference, Erciyes niversitesi, Turkey, January 2013

Biosynthetic pathways, function and degradation of placental prostaglandins during pregnancy, normal and induced parturition in the dog, Seminar, Polish Academia Science, Poland, June 2011

## **Awards**

Gram A., Outstanding Young Scientists Awards (GEBİP), Trkiye Bilimler Akademisi, November 2022

Gram A., Privatdozent (venia legendi) , Zrich niversitesi, August 2020

Gram A., Bilim Tesvik dl, İsvire Trk Hekimleri Ve Saęlık alıřanları Birlięi, April 2014

Gram A., Endocrine Control of Corpus Luteum Function, Ludwig-Fraenkel Symposium, September 2013