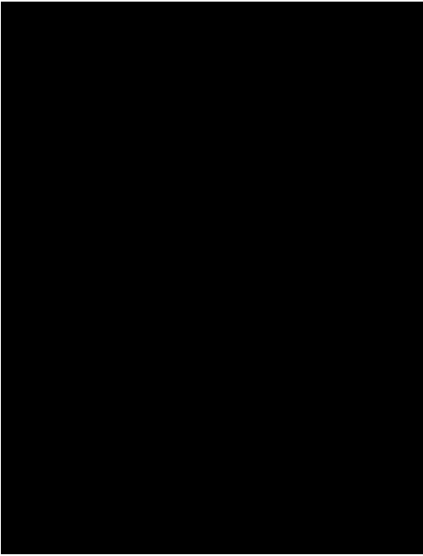


CURRICULUM VITAE



Katuska SATUE-AMBROJO



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- ✓ Professor at CEU-Cardenal Herrera University of Valencia, Spain since 2000
- ✓ Specialist Internal Medicine and Specialist Medical Endocrinology (2004)

- ***Scientific profile with indication of the main topics of scientific interest***

Dr. Satué has a degree in Veterinary Medicine from the University of Córdoba (1993), a Master's Degree in Equine Technology (1996), a degree in Veterinary Medicine (1997) and a Doctor in Veterinary Medicine from the University of CEU-Cardenal Herrera (2004). Up to now she has taught 18 years of teaching since joining the Department of Medicine and Animal Surgery of the CEU-Cardenal Herrera University as Professor in September 2000. After obtaining accreditation as Private University Doctor Professor, Doctor Assistant and Contracted Doctor from the AVAP (Agència Valenciana d'Avaluació i Prospectiva), she changed the category to Assistant Professor in 2010. In July 2014 promoted the Associate Professor in the area of Equine Clinic. He has taught theory and practice in subjects of Bachelor (Clinical Analysis and Reproduction and Obstetrics, among others) and later, in the Degree in Veterinary (General Pathology, integrated in the module of Applied Bases of the Veterinary of 2º, Equine Clinic I of 3rd, and Equine II Clinic for the 4th year). She has developed her research activity in the field of Endocrinology, Hematology, Biochemistry and Immunology in the mare, having directed 5 Doctoral Theses and 5 Advanced Studies Diplomas, participated in 10 research projects as a collaborating researcher. She has written 2 books and 12 book chapters in international editorials related to the area, 50 scientific publications in international journals indexed in JRC, non-indexed international journals and articles in national journals of

professional nature or scientific competence. Dr. Satué has attended 58 congresses, participating with 111 communications in international congresses and 19 in national congresses related to the qualified area and has a recognized sexennio. Dr. Satué is a scientific reviewer of several international journals indexed as, American Journal of Obstetrics and Gynecology, Comparative Clinical Pathology, Veterinary Clinical Pathology, Journal of Equine Veterinary Science, Reproduction in Domestic Animals, Research Veterinary Science, Brazilian Journal of Medical and Biological Research, Livestock Production Science and Theriogenology, among others. She has been a Doctorate Coordinator in the area of Medicine and Animal Surgery of the Doctoral Program 778 of the CEU-Cardenal Herrera University. She is also Head of the Clinical Analysis Laboratory of the Veterinary Clinic Hospital in this same University, in which actively assume her care work since September 2014. Its medium and long-term objectives will be aimed at further developing those aspects of laboratory unknown in the Spanish Purebred broodmares, because it is an autochthonous breed of great genetic value and that has contributed to the formation of other equine breeds in the world.

List of Publications

Fazio E., Cravana C., Medica P., Quartuccio M., Tripodina S., **Satué K.**, 2019. *A wide range of endocrine and haematochemical changes in the reproductive process of early pregnant mares*. J. Equine Vet. Sci., 2019, 73, 63-69.

Fazio E., Medica P., Cravana C., Ferlazzo AM., Ferlazzo A., **Satué K.**, 2019. *Plasma glycosaminoglycans, cortisol, iron and haemoglobin in term and nursing mares*. J. Equine Vet. Sci., 2019, 73, 30-36.

Satué K., Marcilla M., Medica P., Ferlazzo A., Fazio E., 2019. *Testosterone, androstenedione and dehydroepiandrosterone concentrations in pregnant Spanish Purebred mare*. Theriogenology 2019, 123, 62-67.

Martínez-Álvaro, M., Paucar, Y., **Satué, K.**, Blasco, A., Hernández, P., 2018. *Liver metabolism traits in two rabbit lines divergently selected for intramuscular fat*. Animal 12, 1217-1223.

Satué, K., Gardon, J.C., Marcilla, M., 2018. *The physiopathological features of serotonin in horses*. In: Serotonin and Dopamine receptors: functions, synthesis and health effects. Nova Science Publishers, Inc., pp. 1-44.

Satué, K., Marcilla, M., Medica P., Ferlazzo A., Fazio E., 2018. *Sequential concentrations of placental growth factor and haptoglobin, and their relation to oestrone sulphate and progesterone in pregnant Spanish Purebred mare*. Theriogenology 115, 77-83.

Satué, K., Marcilla, M., Medica, P., Cravana, C., Fazio, E., 2018. *Temporal relationships of GH, IGF-I and fructosamine concentrations in pregnant Spanish Purebred mares: a substantial contribution from the hormonal standpoint*. Theriogenology, 118, 164-171.

Satué, K., Muñoz, A., Gardon, J.C., 2017. *Interpretation of platelets in the horse*. Journal of Hematology Research 4, 19-25.

Satué, K., Montesinos, P., Muñoz, A., 2017. *Activation of the renin-angiotensin-aldosterone system in mares around ovulation*. Czech Journal of Animal Science 62(6), 259-267.

Marcilla, M., Muñoz, A., **Satué, K.**, 2017. *Longitudinal changes in serum catecholamines, dopamine, serotonin, ACTH and cortisol in pregnant Spanish mares*. Research in Veterinary Science 115, 29-33.

- Muñoz, A., Roldán, J., Trigo, P., Gómez-Diez M., **Satué, K.**, Castejón-Riber, C., 2015. *Loss of performance in an endurance horse with erythrocytosis and colic during exercise*. Journal of Equine Veterinary Science 35(3), 254-258.
- Satué, K.**, Muñoz, A., Gardon, J.C., 2014. *Interpretation of alteration in the horse erythrogram*. Journal of Hematology Research 1: 1-10.
- Satué, K.**, Muñoz, A., Gardon, J.C., 2014. *Interpretation of the Equine leukogram*. Journal of Hematology Research 1: 27-35.
- Satué, K.**, Gardon, J.C., Muñoz, A., 2014. *Season of year should be considered in the interpretation of hematology in Carthusian broodmares*. Journal of Hematology Research 1: 63-68. International conference.
- Satué, K.**, Gardon, J.C., 2013. *A review of the estrous cycle and the neuroendocrine mechanisms in the mare*. Journal of Steroids and Hormonal 1(6): 1-6.
- Satué, K.**, Calvo, A., Gardon, J.C., 2013. *Factors influencing serum amyloid type a (SAA) concentrations in horses*. Open Journal Veterinary Medicine 3: 58-66.
- Satué, K.**, Muñoz, A., Gardon, J.C., 2013. *Influence of the month of the year in the hematological profile of the pregnant Carthusian broodmare*. Journal of Hematology and Leukemia 2(10): 807-813.
- Satué, K.**, Montesinos, P., 2013. *Plasma biochemistry in pregnant Spanish purebred broodmares*. Comparative Clinical Pathology 22(1), 113-117.
- Montesinos, P., **Satué, K.**, 2013. *Iron-related parameters in Spanish mares during pregnancy*. Comparative Clinical Pathology 22(1), 21-27.
- Satué, K.**, Gardon, J.C., Muñoz, A., 2013. *Use of laboratory testing to diagnose liver and biliary dysfunction in horses*. Gastroenterology and Hepatology Research 1(6): 1-6, 2013.
- Satué, K.**, Felipe, M., Mota, J., Muñoz, A., 2012. *Blood leukocytes in carthusian mares with endometriosis or endometritis in comparison with healthy mares*. Slovenian Veterinary Research 49(1), 35-40.
- Satué, K.**, Domingo, R., 2011. *Longitudinal study of the renin angiotensin aldosterone system in purebred Spanish broodmares during pregnancy*. Theriogenology 75(7), 1185-1194.
- Satué, K.**, Domingo, R., Redondo, J.I., 2011. *Relationship between progesterone, oestrone sulphate and cortisol and the components of renin angiotensin aldosterone system in Spanish purebred broodmares during pregnancy*. Theriogenology 76(8), 1404-1415.
- Satué, K.**, Felipe, M., Mota, J., Muñoz, A., 2011. *Factors influencing gestational length in mares: A review*. Livestock Science 136(2-3), 287-294.
- Satué, K.**, Felipe, M., Mota, J., Muñoz, A., 2011. *Gestational length in Carthusian broodmares: Effects of breeding season, foal gender, age of mare, year of parturition, parity and sire*. Polish Journal of Veterinary Sciences 14(2), 173-180.
- Satué, K.**, Hernández, A., Lorente, C., O'Connor, J.E., 2010. *Immunophenotypical characterization in Andalusian horse: Variations with age and gender*. Veterinary Immunology and Immunopathology 133(2-4), 219-227.
- Satué, K.**, Muñoz, A., Blanco, O., 2010. *Pregnancy influences the hematological profile of Carthusian broodmares*. Polish Journal of Veterinary Sciences 13(2), 393-394.
- Satué, K.**, Blanco, O., Muñoz, A., 2009. *AGE-related differences in the hematological profile of Andalusian broodmares of Carthusian strain*. Veterinarni Medicina 54(4), 175-182.

Satué, K., Domingo, R., Munoz, A., 2007. *Serum cortisol concentrations in Spanish mares during pregnancy* | [Concentrazioni del cortisolo sierico durante la gravidanza in fattrici spagnole] *Ippologia* 18(3), 21-25.

Muñoz, A., Riber, C., **Satué, K.**, Lucas, R.G., Benito, M., 2003. *Relationship between systemic adaptation to physical effort and plasma potassium in untrained and trained Andalusian and Angloarabian horses*. *Journal of Equine Science* 14(1), 13-22.

Book chapters:

Satué, K., Marcilla, M., Gardon, J.C., 2018. *Physiology and Metabolic Anomalies of Dopamine in Horses: A Review*. ISBN: 978-953-51-6729-7. In press.

Satué, K., Marcilla, M., Gardon, J.C., 2018. *Action mechanism and pathophysiological characteristics of cortisol in horses*. ISBN: 978-953-51-5635-2, pp. 185-209.

Satué, K., Marcilla, M., Gardon, J.C., 2018. *Serotonin and Dopamine receptors: function, synthesis and health effects*. ISBN: 978-1-53613-217-5, pp. 1-44.

Satué, K., Gardon, J.C., 2016. *Infection and infertility in the mare*. In: *Infection and Infertility*. ISBN 978-953-51-4583-7, pp. 257-283, 2016.

Satué, K., Gardon, J.C., 2016. *Pregnancy loss in the mare*. In: *Infection and Infertility*. ISBN: 978-953-51-4583-7, pp. 329-355.

Satué, K., Muñoz, A., Gardon, J.C., 2014. *Clinical interpretation of quantitative parameters of the hemogram in the horse*. In: *Horses: Breeding, Health Disorders and Effects on Performance and Behavior* pp. 45-72.

Satué, K., Gardon, J.C. 2014. *Fetal development, stages of growth, maternal influences and potential complications in the mare*. In: *Equine development, fetomaternal interaction and potential during pregnancy*. ISBN: 978-1-63117-069-0, pp. 1-86.

Muñoz, A., Riber C., **Satué, K.**, Trigo, P., Gómez-Díez, M, Castejon, F., 2013. *Multiple myeloma in horses, dogs and cats: a comparative review*. In: *Multiple Myeloma*. ISBN: 980-953-307-822-4.

Muñoz, A., Riber C., Castejon-Riber, C., Trigo P., **Satué, K.**, Castejon, F., 2012. *New researcher in serum angiotensin applied to equine medicine and science*. In: *Advances in Medicine and Biology*. ISBN: 978-1-62257-160-4, pp. 1-40, 2012.

Satué, K., Hernández, A., Muñoz, A., 2012. *Physiological factors in the interpretation of equine hematological profile*. In: *Hematology Science and Practice*. ISBN: 979-953-307-616-6, pp. 573-596.

Satué, K., Gardon, J.C. 2012. *Pregnancy: risk factors, management and recovery. Pregnancy in the mare*. In: *pregnancy, risk factors, management and recovery*. ISBN: 978-1-61942-630-6. pp. 1-54.

Doctoral theses:

Title: Estudio longitudinal de las concentraciones de catecolaminas, factor de crecimiento placentario e IGF-1 y su interacción con hormonas de origen hipofisario y placentario durante la gestación en yeguas pura raza española.

PhD Program: Ciencias de la Salud

Doctoral student: María Marcilla Corzano

Professor: Katuska Satué Ambrojo

Date: 13 Junio 2017

Calification: Sobresaliente "cum laude"

Department of Medicine and Animal Surgery. Veterinary school. CEU University- Cardenal Herrera.

Title: Caracterización hematológica , bioquímica y endocrinológica de la yegua Pura Raza Española durante el ciclo estral, gestación y lactación

PhD Program: Ciencias de la Salud

Doctoral student: Antonio Calvo Capilla

Professor: Katuska Satué Ambrojo / Ana Muñoz Juzado

Date: 9 Julio 2013

Calification: Sobresaliente "cum laude"

Department of Medicine and Animal Surgery. Veterinary school. CEU University- Cardenal Herrera.

Title: Sistema renina angiotensina aldosterona durante el ciclo estral en la yegua pura raza española: interrelaciones con otras hormonas y con el estado hidroelectrolítico

PhD Program: Ciencias de la Salud

Doctoral student: Paloma Montesinos Herrero

Professor: Katuska Satué Ambrojo

Date: 7 Junio 2012

Calification: Sobresaliente "cum laude"

Department of Medicine and Animal Surgery. Veterinary school. CEU University- Cardenal Herrera.

Title: Caracterización hematológica e inmunofenotípica del caballo de Pura Raza Española

PhD Program: Ciencias de la Salud

Doctoral student: Ángel Hernández Guerra

Professor: Katuska Satué Ambrojo / Carmen Lorente Méndez

Date: 4 Diciembre 2008

Calification: Sobresaliente "cum laude"

Department of Medicine and Animal Surgery. Veterinary school. CEU University- Cardenal Herrera.

Title: Actuación del eje Renina Angiotensina Aldosterona y hormonas de la reproducción en yeguas Pura Raza Española durante la gestación

PhD Program: Ciencias de la Salud

Doctoral student: Rosana Domingo Ortiz

Professor: Katuska Satué Ambrojo

Date: 24 Mayo 2008

Calification: Sobresaliente "cum laude"

Department of Medicine and Animal Surgery. Veterinary school. CEU University- Cardenal Herrera.

Projects:

-Etiopatogenia del síndrome del folículo anovulatorio luteinizado (LUF) en la yegua: posibles tratamientos para restablecer la ovulación. IP: Juan Cuervo Arango-Lecina. Banco Santander, 2013.

-Modelos experimentales para la inducción y posibles tratamientos del síndrome del folículo anovulatorio luteinizado en la yegua (GV/2014/129)IP: Juan Cuervo Arango-Lecina. Conselleria D'educació, Cultura y Sport (generalitat Valenciana), 2014.