



University of Life Sciences "King Mihai I" from Timișoara
Faculty of Veterinary Medicine Timișoara
Department II - Clinical education I

University	University of Life Sciences "King Mihai I" from Timișoara
Faculty	Veterinary Medicine
Department	II - Clinical education I
The position in the state of functions	1/II
Function	Professor
The subjects in the education plan	Reproduction, reproduction disorders and clinical lectures on species 1 (Romanian section), Reproduction, reproduction disorders and clinical lectures on species 3 (Romanian section), Reproduction, reproduction disorders and clinical lectures on species 1 (French section), Reproduction, reproduction disorders and clinical lectures on species 3 (French section)
Scientific field	Biological and Biomedical Sciences, Veterinary Medicine
Subjects list for the competition	• Spermatogenesis. Factors affecting spermatogenesis. • Sperm cell motility and morphology. • Folliculogenesis and ovarian follicular population dynamics. • Corpus luteum formation, function, and regression. • Hypothalamus hormones involved in reproduction. • Pituitary hormones (FSH, LH, LTH). • Steroid hormones (estrogens, progestogens, androgens). • Sexual activity in animals: sexual reflexes in males. • Phases and stages of the reproductive cycle. • Sperm transport in the female genital tract. • Fertilization. • Equine chorionic gonadotropin. • Cow reproductive cycle. • Placenta and placental hormones. • Canine artificial insemination with fresh semen • Particularity of the estrous cycle in dogs. • Hormonal dynamics during the sexual cycle in the bitch. • Diseases of the canine vagina, vestibule and vulva. • Mammary gland diseases in bitches. • Ovarian diseases in cats. • Uterine disorders in cats. • Mammary gland diseases in cats. • Abnormalities in the sexual cycle of bitches. • Pseudopregnancy in dogs and cats. • Diseases of the canine uterus. • Testicular, epididymal and testicular envelope disorders in dogs. • Disease of the canine penis and prepuce. • Canine prostate pathology.

	• Infertility in sows. • Estrus control in female dogs and cats. Bibliography • Ardelean V., <i>Fiziologia reproducerii animalelor</i>, Ed. Mirton, Timișoara, 2002. • Igna V. – <i>Notiuni de fiziologia reproducerii la animale</i>, Ed. Brumar, Timișoara, 2008. • Senger P.L. – <i>Pathways to Pregnancy and Parturition</i>, Second Revised Edition, 2005. • Igna V.- <i>Indrumător lucrări practice Reproducere, tulburări de reproducere și prelegeri clinice pe specii 1</i>, Ed.Agroprint 2017. • Cernescu Horia <i>Ginecologie veterinară</i>, editura Helicon 1995. • Groza I. și Iancu A.M.– <i>Andrologie veterinară</i>, Ed.Gryphon Brașov, 2004. • Igna V. – <i>Reproducție, obstetrică și ginecologie canină</i>, Ed. Brumar, Timișoara, 2007. • Mircu C., Otava G., <i>Notiuni de ginecologie si andrologie veterinara</i> editura Mirton, Timișoara 2017.. • Dumon C. Et Fontbonne A., <i>Les indispensables de l-animal de compagnie, Reproduction du chien et du chat</i>, Ed. P.M.C.A.C, 1992, Paris. • Feldman E. and Nelson R.-<i>Canine and Feline Endocrinology and Reproduction</i>, Third Edition, Saunders, 2004. • - Noakes D.E., Parkinson J.T., England G., C.W., <i>Veterinary Reproduction and Obstetrics</i> 9th Edition., Sounders, Edinburgh, England, 2009.
The address where the competition file should be send	The secretariat of the Faculty of Veterinary Medicine, Calea Aradului no. 119, postal code 300645