



**“The 10th Meeting of the Young Generation
of Veterinary Anatomists – YGVA 2019”**

**DETAILED
PROGRAMME**

UNIVERSITY OF AGRONOMIC SCIENCES
AND VETERINARY MEDICINE OF BUCHAREST

JULY 24 – 26, 2019
BUCUREȘTI, ROMÂNIA

DETAILED PROGRAMME OF “THE 10TH MEETING OF THE YOUNG
GENERATION OF VETERINARY ANATOMISTS – YGVA 2019”

Day 1 – Wednesday, July 24

16⁰⁰ – 19⁰⁰ **Registration of participants**
Venue: *University of Agronomic Sciences and
Veterinary Medicine of Bucharest (USAMV Bucharest)*

Building A
(Rectorate),
Ground floor,
Main Hall

19⁰⁰ – 21⁰⁰ **WELCOME EVENING**

Building A
(Rectorate),
First floor,
Main Hall

Day 2 – Thursday, July 25

08³⁰ – 09⁰⁰ **Registration of participants
and Guiding discussions**

Building A
(Rectorate),
Ground floor,
Main Hall

09⁰⁰ – 09³⁰ **OPENING CEREMONY**

Building A
(Rectorate),
Aula Magna
Petre S. Aurelian

09³⁰ – 10³⁰ **ORAL SESSION I**
Anatomy and Embryology

Building A
(Rectorate),
Aula Magna
Petre S. Aurelian

09³⁰ – 09⁴⁵ **Morphological Variation in Mandible of Male and Female Persian
Fallow Deer (*Dama dama mesopotamica*) Using Geometric
Morphometrics Technique**
*Behrokh MARZBAN ABBASABADI, Fariborz GHOJOGHI, Saber RAHMATI
and Omid HAJIAN*

- 09⁴⁵ – 10⁰⁰** **Dimension and Angle Measurements on Equine Hooves – A Comparison of Nomenclature**
Lina SELLKE, Bianca PATAN-ZUGAI, Eberhard LUDEWIG and Kirsti WITTER
- 10⁰⁰ – 10¹⁵** **The Role of Macrophages in Blood Vessel Permeability**
Hanna TAY, Eli MAERTENS and Ward DE SPIEGELAERE
- 10¹⁵ – 10³⁰** **The Occurrence and Ossification of a Sesamoid Bone in the Abductor *digiti primi longus* Muscle in Dogs**
Martine VAN DEN BROECK, Bert RITICO, Elke VAN DER VEKENS and Pieter CORNILLIE

10³⁰ – 11³⁰

EAVA BOARD MEETING

Building A
(Rectorate),
Ground floor,
Council Room

10³⁰ – 11³⁰

COFFEE AND POSTER'S DISCUSSION I

Building A
(Rectorate),
First floor,
Main Hall

Poster ID	Authors	Title
P1	<i>Alina-Valeria BERLEA, Dalma CSIBI, Irina ROMAN, Alexandra IRIMIE, Iulia PREJA, Cristian MARTONOȘ and Aurel DAMIAN</i>	The Variability of the Celiac Artery in Lamb
P2	<i>SOFIA ALVES-PIMENTA, MÁRIO GINJA and BRUNO COLAÇO</i>	The Influence of Articular Angle in the Joint Spaces of the Elbow in Dogs
P3	<i>Costică Toader COVAȘĂ and Vasile VULPE</i>	Comparative Morphological and Imagistic Aspects of the Arterial Vascularization of the Head in Domestic Rabbits

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- P4** Charles de CHAISEMARTIN,
Françoise KAYSER,
Hélène ORLIAC,
Jean-François NISOLLE,
Nathalie KIRSCHVINK,
Fanny HONTOIR and
Jean-Michel VANDEWEERD
**Ultrasonographic and Magnetic
Resonance Imaging Anatomy
of the Ovine Digit**
- P5** Sokol DURO
and Arben KAMBO
**Morphometric Parameters of Clinical
Anatomy in to the Skull of Three
Autochthonal Breed Goats in Albania**
- P6** Sokol DURO, Eduart SULA
and Arben KAMBO
**Morphometric Parameters of the
Sternum in Quails (*Coturnix japonica*)**
- P7** George HARASH, Hana HÜNIGEN,
Hafez M. HAFEZ, Johanna PLENDL
and Salah AL MASRI
**Microcomputed Tomographic Analysis
of the Tibiotarsus: Comparison
Between a Dual-Purpose and a Broiler
Chicken Line**
- P8** Dieudonî Bitsha-Kitime KABKIA,
A. DIA, G.S NTEME-ELLA
and C.K AGBA
**Development of a Method of Realizing
an Ovine Scarf at the Museum of
Anatomy of the Inter-State School of
Veterinary Sciences and Medicine of
Dakar**
- P9** Silvio KAU, Stephan HANDSCHUH,
Balazs GERICS and
Matthias EBERSPÄCHER-
SCHWEDA
**3D Characterization of Root Canal
Morphology of Canine Teeth in Dogs:
a Micro-Computed Tomography (µCT)
Study**
- P10** Jérémy MEIRSMAN,
Jean-Michel VANDEWEERD
and Françoise KAYSER
**Magnetic Resonance Imaging, Ultraso-
nography and Elastography Anatomy
of Healthy Flexor Tendons in Sheep**
- P11** Irisz KOUTIS, Olivia Frances
KALOYIANNI, Juliette MAGOGA,
Kim KORPES, Snježana KUŽIR
and Martina ĐURAS
**Renovation of the Anatomy Students
Room**
- P12** Denis LEINER, Gordana KOVAČ,
Snježana ČURKOVIĆ,
Damir MIHELIĆ, Snježana
VUKOVIĆ and Mirela PAVIĆ
**Students' Success on the Mandatory
Anatomy and Histology Courses at the
Faculty of Veterinary Medicine in
Zagreb - Influential Factors and Trends**

- P13** *Cristian MARTONOȘ,*
Cristian DEZDROBITU,
Alina BERLEA, Melania CRIȘAN,
Ionel PAPUC, Alexandru GUDEA,
Florin STAN and Aurel DAMIAN **Anatomical Aspects of the Celiac
Arterial Trunk in *Chinchilla lanigera***
- P14** *Edyta PASICKA* **Exterior Differentiating in Polish
Konik Mares on the Basis of
Conformation Indices After a Hundred
Years of the Breed's Existence**
- P15** *Mihaela-Claudia SPĂTARU*
and Constantin SPĂTARU **Some Aspects Concerning the
Masticatory Muscles in Guinea Pig
(*Cavia porcellus*)**
- P16** *Mirco STEMANN,*
Nicole RÖHRMANN and
Christoph K.W. MÜLLING **Depiction of the Special Anatomical
Characteristics of Reptiles by Using
Biodur S10 and E12 Plastination
Techniques**
- P17** *Ana Maria ZAGRAI (MĂIEREAN),*
Aurel DAMIAN, Cristian BELU,
Iulian DUMITRESCU,
Mădălina DOBRILĂ
and Găvrilă ZAGRAI **Research Regarding the Morphology
and Topography of Masticatory
Muscles in Domestic Mammals**

11³⁰ – 13⁰⁰

ORAL SESSION II

Histology and Cell Biology
correlated with Pathology

Building A
(Rectorate),
Aula Magna
Petre S. Aurelian

- 11³⁰ – 11⁴⁵** **Morphometric Evaluation of the Intestine and its Interpretation:
Comparison Between a Dual-Purpose and a Conventional Chicken Line**
Zaher ALSHAMY, Hana HÜNIGEN, Hafez M. HAFEZ, Johanna PLENDL
and Salah AL MASRI
- 11⁴⁵ – 12⁰⁰** **Blood Vessels in Exuberant Granulation Tissue in Horses: A Histological
Analysis**
Charis DU CHEYNE, Tanja HACCURIA, Liesbeth COUCK, Eva PINT,
Ann MARTENS and Ward DE SPIEGELAERE

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- 12⁰⁰ – 12¹⁵** **A Novel Mitochondria-Targeting Way for the Detection of Dead Hepatocytes**
Adrian Florin GAL, Flavia RUXANDA, Vasile RUS and Viorel MICLĂUȘ
- 12¹⁵ – 12³⁰** **Trials and Errors in Immunohistochemistry: Unmasking of SGLT1 in Porcine Small Intestine**
Mirela PAVIĆ, Hrvoje BRZICA, Marcela ŠPERANDA, Snježana ĆURKOVIĆ, Denis LEINER and Marija LJUBOJEVIĆ
- 12³⁰ – 12⁴⁵** **The Porcine Intestinal Microvasculature - Not Only Permeable to Nutrients But Also to Pathogens?**
Juliane RIEGER and Johanna PLENDL
- 12⁴⁵ – 13⁰⁰** **Gibel Carp Renal vs Hepatic Quantum Dots Bioaccumulation – A Histopatological Assessment**
Loredana STANCA, Sorina Nicoleta VOICU, Anca DINISCHIOTU and Andreea Iren ȘERBAN

13⁰⁰ – 14⁰⁰

LUNCH & NETWORKING ACTIVITIES

Building A
(Rectorate),
First floor,
Main Hall

14⁰⁰ – 00⁰⁰

SOCIAL PROGRAMME IN BUCUREȘTI ON 25TH OF JULY

14⁰⁰ – 15⁰⁰

CAMPUS GARDENS TOUR

15⁰⁰ – 16⁰⁰

VISITING BUCUREȘTI I

16⁰⁰ – 18⁰⁰

PARLIAMENT PALACE VISIT

18⁰⁰ – 20⁰⁰

VISITING BUCUREȘTI II

20⁰⁰ – 00⁰⁰

DINNER AT BERĂRIA H IN HERĂSTRĂU PARK

Day 3 – Friday, July 26

09 ⁰⁰ – 10 ¹⁵	ORAL SESSION III Imaging, Teaching and Experimental Models in Morphology	Building A (Rectorate), Aula Magna Petre S. Aurelian
09 ⁰⁰ – 09 ¹⁵	Durable Anatomical Specimens as a Replacement for Formalin-Fixed Specimens in the Anatomy Courses <i>Kim KORPES, Tajana TRBOJEVIĆ VUKIČEVIĆ, Lucija BASTIANČIĆ, Magdalena KOLENC, Irisz KOUTIS and Martina ĐURAS</i>	
09 ¹⁵ – 09 ³⁰	Bovine Ex Vivo Full-Thickness Skin Model: Adapting Methods for the Pathogenesis of Digital Dermatitis <i>Nadia ANANTAMA, Christina-Marie BAUMBACH, Christoph MÜLLING and Jule MICHLER</i>	
09 ³⁰ – 09 ⁴⁵	Topographical Measurements Between Extracranial Landmarks and Selected Cerebral Structures – A Basic Stereotactic Attempt in Horses <i>Frederik HEUN, Lucien BÖING, Joscha THEUNERT and Hagen GASSE</i>	
09 ⁴⁵ – 10 ⁰⁰	Effect of a Change in Hoof Angulation on the Metacarpophalangeal Joint Angulation and Cross-Sectional Areas of Both Flexor Tendons in the Context of Orthopedic Shoeing <i>Jenny HAGEN, Kaid KOJAH, Michael GEIGER and Mandy VOGEL</i>	
10 ⁰⁰ – 10 ¹⁵	Creating a Functional Model to Practice Ovariohysterectomy in Dogs <i>Christian J. ALFARO, Jacques SPEE, Remie BAKKER and Claudia WOLSCHRIJN</i>	

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10¹⁵ – 11⁰⁰

COFFEE AND POSTER'S DISCUSSION II

Building A
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Poster ID	Authors	Title
P18	<i>Salah AL MASRI, Maria KATTANEK, Hana HÜNIGEN, Hafez M. HAFEZ and Johanna PLENDL</i>	Comparative Histological Studies on the Aorta of a Highly Selected Meat-Type and a Wild-Type Turkey Line
P19	<i>Lucija BASTIANČIĆ, Magdalena KOLENC, Kim KORPES and Snježana KUŽIR</i>	Correlation of Methods of Histological Sample Preparation and Success of their Usage in Teaching
P20	<i>Christina BAUMBACH, Silke UHRLAß, Pietro NENOFF, Jule K. MICHLER, Wieland SCHROEDL and Christoph K. W. MUELLING</i>	Modeling Dermatophytoses: Guinea Pig Skin Explants as a Highly Suitable Model for Studying Dermatophytes of Veterinary Relevance
P21	<i>Petr CIZEK, Pavla HAMOUZOVA and Pavel KVAPIL</i>	Lingual Papillae in the Lesser Hedgehog Tenrec (<i>Echinops telfairi</i>)
P22	<i>Carla BAPTISTA, Maria Helena FERNANDES, Pedro SOUSA GOMES, Liliana GRENHO and Bruno COLAÇO</i>	Influence of the Anatomical Location on the Osteogenic Potential of Adipose-Derived Mesenchymal Stem Cells
P23	<i>Shana DE VOS, Bo COKELE, Eline ABMA, Ilona SCHWARZKOPF, Lobke DE BELS, Koen CHIERS, Hilde DE ROOSTER and Ward DE SPIEGELAERE</i>	KI67 and Von Willebrand Factor Staining in Canine Mast Cell Tumour Tissue Sections: Preliminary Data

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MEDICINE OF BUCHAREST, JULY 24 – 26, 2019

- P24** *Alexandru DOVÎNCĂ,*
Oana VASILIU,
Theodora ȘTEFĂNESCU
and Iuliana CAZIMIR **Histostructural and Morphometric
Differences Between Acidophilic Leukocytes
in Some Species of Domestic and Wild Birds**
- P25** *Kristyna GLOCOVA, Petr CIZEK,*
Robert NOVOTNY,
Karel HAUPTMAN
and Frantisek TICHY **Spermatogenesis and Testosterone
Concentration Assessment In Male Guinea
Pigs with Deslorelin Implant - Preliminary
Study**
- P26** *Karolina GOŹDZIEWSKA-*
HARŁAJCZUK and
Joanna KLEĆKOWSKA-NAWROT **Morphology of the Adrenal Glands of the
Asian Black Bear (*Ursus thibetanus*)**
- P27** *Joanna KLEĆKOWSKA-NAWROT,*
Karolina GOŹDZIEWSKA-
HARŁAJCZUK,
and Wojciech PASZTA **Histological and Histochemical Study of the
Lacrimal Gland of the Aardvark (*Orycteropus
afer*)**
- P28** *Pavla HAMOUZOVA*
and Petr CIZEK **Different Fixation Fluids in Detection of
Mast Cells**
- P29** *Khan JUNATAS, Liesbeth COUCK,*
Fred SINOWATZ
and Wim VAN DEN BROECK **Telocytes in the Porcine Heart Valves: An
Ultrastructural Study**
- P30** *Niklas Wolf DRESEN,*
Christoph K.W. MÜLLING
and Jule MICHLER **Exuberant Granulation Tissue in Horses: In
Vitro Effects Of Photobiomodulation and
Pulsed Electromagnetic Fields on Equine
Skin Cells**
- P31** *Cosmin-Alexandru MUNTEANU,*
Andreea FLOREA,
Emilian-Cristian POP,
Iuliana CAZIMIR
and Nicolae CRĂCIUN **Tetracycline Toxicity Adaptative Alterations
in Two Economically Important Fish Species**

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- P32** *Cosmin-Alexandru MUNTEANU,*
Emilian-Cristian POP,
Elena ȚOPLEA,
Vanesa-Larisa BLOAJE-FLORICĂ
and Iuliana CAZIMIR **Histostructural Aspects of Hepato-Pancreatic
Interrelations in Some Representatives of the
Cyprinidae Family**
- P33** *Edyta PASICKA*
and Dariusz NOWAKOWSKI **Ultrastructural Analysis of Dental Tissues of
Equidae**
- P34** *Vasile RUS, Flavia RUXANDA,*
Adrian Florin GAL,
Aurel DAMIAN, Florin GHIRCO
and Viorel MICLĂUȘ **The Glandular Activity from
Gastroduodenal Junction in Chinchilla and
Guinea Pig. Histological and Histochemical
Study**
- P35** *Flavia RUXANDA,*
Adrian Florin GAL,
Aurel DAMIAN,
Vasile RUS, Florin GHIURCO
and Viorel MICLĂUȘ **Histological and Histochemical Study on
Lieberkühn Glands From Colon in
Chinchilla (*Chinchilla lanigera*)**
- P36** *Aigerim RYMBEKOVA,*
Kinga SKIERESZ-SZEWCZYK
and Hanna JACKOWIAK **Immunohistochemical Studies of the
Keratinization of the Epithelium on the Hard
Palate in the Domestic Cat (*Felis silvestris
catus*) During Prenatal Development**
- P37** *Florin STAN,*
Cristian DEZDROBITU,
Aurel DAMIAN, Ionel PAPUC,
Marius PENTEA,
Melania CRIȘAN,
Alexandra IRIMIE,
Alexandru GUDEA
and Cristian MARTONOȘ **Predictive Features of Metastatic Infiltration
of Sentinel Lymph Nodes Which Drain the
Mammary Gland Tumours in Bitches
Revealed by Grey Scale Ultrasound,
Doppler, Ceus and Elastography**

WORKSHOP

11⁰⁰ – 13⁰⁰

**VETERINARY MORPHOLOGY IN EUROPE:
WAYS OF ADAPTING TO MODERN TIMES**

Presentations and Debates

Validation of an *Ex Vivo*, Whole Organ Joint Model Using Multiphoton Microscopy

Carola DANIEL, Raphael LABENS, David ARGYLE and Scott PIRIE

A 3D-Printed Simulator of the Rat for Laboratory Animal Training Courses

*Giuliano Mario CORTE, Melanie HUMPENÖDER, Marcel PFÜTZNER, Roswitha MERLE,
Mechthild LADWIG-WIEGARD, Christa THÖNE-REINEKE and Johanna PLENDL*

**Sheet Plastinate Modifications: Adapting Tissue Contrast and Transparency
in Sectional Plastination Specimens**

Christoph VON HORST

**Yes U Can – First Ipad-Based Electronic Exams in Anatomy
at the Faculty of Veterinary Medicine, Leipzig University**

*Julia DITTES, Nicole RÖHRMANN, Franziska BOCKISCH, Niklas DRESEN
and Christoph KW MÜLLING*

13⁰⁰ – 14⁰⁰

LUNCH & NETWORKING ACTIVITIES

Building A
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14⁰⁰ – 15⁰⁰

YGVA DISCUSSIONS

Building A
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15⁰⁰ – 00⁰⁰

SOCIAL PROGRAMME IN BUCUREȘTI ON 26TH OF JULY

15⁰⁰ – 18⁰⁰

"DIMITRIE GUSTI" VILLAGE MUSEUM VISIT

18⁰⁰ – 20⁰⁰

INDIVIDUAL PROGRAMME

20⁰⁰ – 00⁰⁰

**DINNER AT HARD ROCK CAFE BUCHAREST
IN HERĂSTRĂU PARK**