

**ANNA SHIPOV  
CURRICULUM VITAE**

**1. HIGHER EDUCATION**

1994-1996	B.Sc.	Hebrew University of Jerusalem Biology
1997-2001	DVM	Hebrew University of Jerusalem Faculty of Agriculture Koret School of Veterinary Medicine
2001-2002	Internship	Hebrew University of Jerusalem Faculty of Agriculture, Koret School of Veterinary Medicine. Small animal rotating internship. (Section 5a #1,2,3)
2003	Private practice	
2004-2008	Residency	Hebrew University of Jerusalem Faculty of Agriculture Koret School of Veterinary Medicine. Surgery department. (Section 5a #4, 5, 6 section 5b #15).
2009-2017	PhD	Hebrew University of Jerusalem Robert H. Smith Faculty of Agriculture, Food and Environment, Koret School of Veterinary Medicine. The laboratory of bone biomechanics, supervisors: Prof. Ron Shahar and Prof Steve Weiner (Weizmann institute) (Section 5a #7, 11, 13)

**License & Certification**

- Licensed to practice veterinary medicine in Israel (license number 1921)
- Diplomate, European College of Veterinary Surgery of Companion Animals (DECVS)

## **2. APPOINTMENTS AT THE HEBREW UNIVERSITY**

2011-2015	Clinical Instructor in small animal veterinary surgery Koret Veterinary Teaching Hospital, Koret School of Veterinary Medicine, Robert H. Smith Faculty of Agriculture, Food and Environment
2015-present	Clinical Lecturer in small animal veterinary surgery Koret Veterinary Teaching Hospital, Koret School of Veterinary Medicine, Robert H. Smith Faculty of Agriculture, Food and Environment

## **3. ADDITIONAL FUNCTIONS/TASKS AT THE HEBREW UNIVERSITY**

2008-2013	Staff clinician (small animal surgery) Veterinary Teaching Hospital, Koret School of Veterinary Medicine, Robert H. Smith Faculty of Agriculture, Food and Environment
2011-2013	Head of the Small Animal Hospitalization Unit Koret Veterinary Teaching Hospital, Koret School of Veterinary Medicine, Robert H. Smith Faculty of Agriculture, Food and Environment
2013-Present	Head of Department, Small Animal Surgery Veterinary Teaching Hospital, Koret School of Veterinary Medicine, Robert H. Smith Faculty of Agriculture, Food and Environment

2013-Present Member of the Interns and Residents Committee. Veterinary Teaching Hospital, Koret School of Veterinary Medicine, Robert H. Smith Faculty of Agriculture, Food and Environment

#### **4. SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS:**

1. February- August 2020. University of California, Davis Veterinary Teaching School. Interventional radiology. Host: Prof. Bill Culp

#### **5. OTHER ACTIVITY**

##### **A. Professional Activity in Israel**

###### *Membership in Israeli Professional Organizations*

2001-Present Member, Israel Companion Animal Veterinary Medical Association

2015-Present Member, Israeli Society of Skeletal Biology

##### **B. Professional Activity Abroad**

###### *Membership in International Professional Organizations*

2011-Present Member, European College of Veterinary Surgery (ECVS)

2020-Present. Member of the Veterinary Interventional radiology and Interventional Endoscopy Society (VIRIES)

###### *Ad-hoc Reviewer for articles in scientific Journals*

- The Veterinary Record
- The Israeli Journal of Veterinary Medicine
- PLoS ONE
- Journal of Feline Medicine and Surgery Open Reports
- Journal of Veterinary Internal Medicine

## **6. RESEARCH GRANTS**

1. 2011-2012 – Clinical Studies Fund, Veterinary Teaching Hospital, Koret School of Veterinary Medicine, the Hebrew University.  
Title: The effect of chronic kidney disease on the skeleton of dogs, Gilad Segev (PI), Anna Shipov (PI) 10000/20000 NIS.
2. 2011- BAMline and the  $\mu$ Spot beamline at BESSY, HZB, Berlin. Helmholtz-Zentrum Berlin. Provision of synchrotron radiation beamtime at BAMline of BESSY II.  
Title: Mapping the 3-D mineral distribution and structural variations occurring in post-menopausal osteoporosis: a high-resolution microtomography study of cortical bone in an ovariectomized rat model (proposal 2011\_1\_101141). Shipov A (S), Shahar Ron (PI), 15000/30000EU
3. 2018. Collaboration between researchers in the Veterinary Teaching Hospital and The Koret School of Veterinary Medicine.  
Title: Changes in the inter-trabecular angles in cancellous bone of cats with naturally occurring chronic kidney disease and their effect on mechanical properties. Shipov A (PI), Ron Shahar (PI). 50,000NIS/50,000.
4. 2019 Clinical Studies Fund, Veterinary Teaching Hospital, Koret School of Veterinary Medicine, the Hebrew University.  
Title: Occurrence of kidney injury following treatment with non-steroidal anti-inflammatory drugs using novel kidney biomarkers. Anna Shipov (PI) Gilad Segev (PI) (10,000NIS/20,000NIS)
5. 2019-2020. IDEXX – prevalence of kidney injury using novel biomarkers in dogs receiving NSAID. Gilad Segev (PI), Anna Shipov (PI) \$ 17620/35240

## **7. TEACHING AT THE HEBREW UNIVERSITY**

### **A. Supervision of Master's and Doctoal Degree Students (last 5 years)**

*Doctorate Students:* None.

*Masters students:* None

DVM final thesis

1. 2010-2014. Hagar Meltzer: "The effect of naturally occurring chronic kidney disease on the micro-structural and mechanical properties of feline cortical bone"  
Cosupervisors: Prof. Ron Shahar, Dr. Gilad Segev. **Completed.** #13
2. 2011-2015. Amir Dekel: "The effect of estrogen deficiency and x-ray micro computed tomography on the structural and mechanical properties of rat cortical bone". Cosupervisor: Prof. Ron Shahar.
3. 2012-2015. Noam Shugar: "The effect of naturally occurring chronic kidney disease on the micro-structural and mechanical properties of canine bone".  
Cosupervisors: Prof. Ron Shahar, Dr. Gilad Segev. **Completed.** # 20
4. 2013- 2016. Moran Milrad. "The effect of chronic kidney disease on the micro-structural properties of feline trabecular bone".  
Cosupervisors: Prof. Ron Shahar, Dr. Gilad Segev. **Completed.** #13
5. 2013-2017. Nufar Harel: "The influence of estrogen deficiency on morphological characteristics of rat cortical bone during growth and senescence".  
Cosupervisor: Prof. Ron Shahar. Completed.
6. 2014 - 2017 Nitzan Harel: "Changes in D-dimer concentration following soft tissue and orthopedic surgery". Cosupervisor Dr. Gilad Segev. **Completed # 19**
7. 2015-2017. Habib Jubran: "The influence of estrogen deficiency on morphological characteristics of rat cortical bone during growth and senescence".  
Cosupervisor: Prof. Ron Shahar. Completed
8. 2015-2018. Hadar Rosenberg: The influence of tabletop micro-CT radiation on the mechanical properties of cortical bone in vertebrates. Cosupervisor: Prof. Ron Shahar. Completed.
9. 2019-Present. Keren Bat Zion Cohen. Occurrence of kidney injury following treatment with non-steroidal anti-inflammatory drugs using novel kidney biomarkers.
10. 2020- Present. Nicole Posnansky. Complication rate following placement of subcutaneous ureteral bypass in cats with ureteral obstruction in Israel.

Training of Surgical residents:

1. 2016- 2019 Dr. Anastasya Kavkovsky.
2. 2018-Present. Dr. Chen Berger

**B. Post-doctoral Fellows and Visitors**

None

**C. Courses Taught by Candidate**

2004-Present	Clinical Veterinary Surgery in Practice: <i>continuous, year-long</i> instruction of 4 <sup>th</sup> -year students rotating every week through the Surgery Department of the Veterinary Teaching Hospital, Koret School of Veterinary Medicine (part of course no. 65794, 1-2 hours/day, when on clinics, course coordinator since 2012)
2010-2020	Small Animal Surgery B. Lectures and a wet-lab, 3 <sup>rd</sup> year veterinary students (course 65793, 2 <sup>nd</sup> semester; 12 hours)
2012-Present	Experience in the operating room. -3 <sup>rd</sup> year veterinary students (part of course no. 65813; 1 <sup>st</sup> and 2 <sup>nd</sup> semester, 2 hours weekly)
2018-2020	Small Animal Surgery A, 3 <sup>rd</sup> year veterinary students. 65777 1 <sup>st</sup> semester, 9 hours. Course coordinator.
2018-Present	Extended Surgery. 65787. 3 <sup>rd</sup> year students. 2 <sup>nd</sup> semester 12 hours. Course coordinator.
2018-present	Practical experience in neutering. 65706. Veterinary medicine, 4 <sup>th</sup> year students. Course coordinator.
2021-Present	Small animal surgery-soft tissue. 65793, Veterinary medicine 3 <sup>rd</sup> year. 1 <sup>st</sup> and 2 <sup>nd</sup> semester, 28 hours. Course coordinator.

## **LIST OF PUBLICATIONS**

### **Legend:**

<sup>PI</sup> – Principal Investigator; <sup>S</sup> – Student; <sup>C</sup> – Co-researcher; <sup>T</sup> – Technician/Lab assistant

The numbers at the end of each article denote the impact factor; ranking of journal in its specific field; and number of citations (excluding self-citations)

\*Three key articles since appointment as Clinical Lecturer.

### **1. Doctoral Dissertation**

Selected metabolic syndromes affecting cortical and cancellous bone in animal models. Degree award 2017. Supervisors: Prof. Ron Shahar, Prof. Steve Weiner. #11, 12, 20

### **2. Books**

None

### **3. Books Edited**

None

### **4. Chapters in Collections**

1. Segev G <sup>PI</sup>, Meltzer H <sup>S</sup> and **Shipov A** <sup>PI</sup>. 2016 Does Secondary Renal Osteopathy Exist in Companion Animals? Vet. Clin. North Am. 46: 1152-1162. (1)

### **Review articles:**

1. **Shipov A** <sup>PI</sup> and Segev G <sup>PI</sup>. 2013. Ureteral obstruction in dogs and cats. Israel Journal of Veterinary Medicine. 68: 71-77; Review. (0.205. 124/136 (Veterinary science)); (2). (**Invited review**)

**5. Articles (Peer-Reviewed)****A. Original Research Papers**

1. Segev G<sup>PI</sup>, **Shipov A<sup>C</sup>**, Harrus S<sup>C</sup>, Klement E<sup>C</sup>, Kass P<sup>C</sup> and Aroch I<sup>C</sup>. 2004. *Vipera palaestinae* envenomation in 327 dogs: a retrospective cohort study & analysis of risk factors for mortality. Toxicol. 43: 691-699. (2.255; 18/74 (Toxicology); 38)
2. Aroch I<sup>PI</sup>, Segev G<sup>C</sup>, **Shipov A<sup>C</sup>**, Klement E<sup>C</sup> and Harrus S<sup>PI</sup>. 2004. Fatal envenomations of 16 dogs by *Vipera xanthina palaestinae*. Veterinary and Human Toxicology. 46: 268-272. (0.474; 70/129 (Veterinary science); 14).
3. Segev G<sup>PI</sup>, Ohad D<sup>C</sup>, **Shipov A<sup>C</sup>**, Philip P.H<sup>C</sup> and Aroch I<sup>PI</sup>. 2008. Cardiac arrhythmias and serum cardiac troponins in *Vipera palaestinae* envenomation in dogs. Journal of Veterinary Internal Medicine. 22: 106-113. (2.016. 12/136 (veterinary science); 23).
4. **Shipov A<sup>PI</sup>**, Klement E<sup>C</sup>, Reuveny-Tager L<sup>S</sup>, Waner T<sup>C</sup>, Harrus S<sup>PI</sup>. 2008. Prognostic indicators for canine monocytic ehrlichiosis. Veterinary Parasitology. 153: 131-138. (2.039; 10/135 (veterinary science); 26).
5. Benzioni H<sup>PI</sup>, Shahar R<sup>C</sup>, Yudelevich S<sup>C</sup>, **Shipov A<sup>C</sup>**, Milgram, J<sup>PI</sup>. 2009. Lateral thoracic artery axial pattern flap in cats. Veterinary Surgery. 38:112-6. (1.215. 43/136 (veterinary science); 6).
6. **Shipov A<sup>PI</sup>**, Sharir A<sup>C</sup>, Zelzer E<sup>C</sup>, Milgram J<sup>C</sup>, Monsonogo-Ornan E<sup>C</sup>, Shahar R<sup>PI</sup>. 2010. The influence of severe prolonged exercise restriction on the mechanical and structural properties of bone in an avian model. Veterinary Journal. 183(2):153-60. (2.796, 5/145 (veterinary science); 32).
7. Jimenez-Palomar I<sup>PI</sup>, **Shipov A<sup>C</sup>**, Shahar R<sup>C</sup>, Barber A.H<sup>PI</sup>. 2012. Influence of SEM vacuum on bone micromechanics using in situ AFM. Journal of Mechanical Behavior of Biomedical Materials. 5: 149-55. (2.368; 25/79 (engineering, biomedical); 19).
8. Cohen L<sup>PI</sup>, Dean M<sup>C</sup>, **Shipov A<sup>C</sup>**, Atkins A<sup>S</sup>, Monsonogo-Ornan E<sup>C</sup>, Shahar R<sup>PI</sup>. 2012. Comparison of structural, architectural and mechanical aspects of cellular and acellular bone in two teleost fish. Journal of Experimental Biology 1;215(Pt 11):1983-93. (3.236; 14/83; (Biology); 38).
9. Biton E<sup>PI</sup>, Joseph R<sup>C</sup>, Portman L<sup>C</sup>, Segev G<sup>C</sup>, Meiner Y<sup>C</sup>, **Shipov A<sup>C</sup>**, Milgram J<sup>PI</sup>. 2013. The effect of extension and loading of the carpus on radial rotation. Veterinary Surgery. 8: 909-17. (1.215. 43/136 (veterinary science); 5).
10. Zemmer O<sup>PI</sup>, Benzioni H<sup>C</sup>, Kaplan R<sup>C</sup>, Zinamon S<sup>C</sup>, Kelmer E<sup>C</sup>, **Shipov A<sup>C</sup>**, Milgram J<sup>PI</sup>. 2013. Evaluation of crural release and ischial osteotomy for relief of



- tension in the repair of large segmental urethral defects in male cats. Veterinary Surgery 42: 971-8. (1.215. 43/136 (veterinary science); 0).
11. **Shipov A<sup>S</sup>**, Zaslansky P<sup>C</sup>, Riesemeier H<sup>C</sup>, Segev G<sup>C</sup>, Atkins A<sup>S</sup>, Shahar R<sup>PI</sup>. 2013. Unremodeled endochondral bone is a major architectural component of the cortical bone of the rat (*Rattus norvegicus*). Journal of Structural Biology. 183: 132-40. (3.369; 106/291 (Biochemistry & Molecular biology); 29).
  12. **Shipov A<sup>S</sup>**, Segev G<sup>PI</sup>, Meltzer H<sup>S</sup>, Milrad M<sup>S</sup>, Brenner O<sup>C</sup>, Atkins A<sup>S</sup>, Shahar R<sup>PI</sup>. 2014. The effect of naturally occurring chronic kidney disease on the micro-structural and mechanical properties of bone. PLoS ONE. 9(10): e110057 (3.534 8/55 (Multidisciplinary sciences); 10).
  13. Atkins A<sup>S</sup>, Dean M.N<sup>PI</sup>, Habegger M.L<sup>C</sup>, Motta P.J<sup>C</sup>, **Shipov A<sup>S</sup>**, Ofer L<sup>S</sup>, Repp F<sup>C</sup>, Weiner S<sup>C</sup>, Currey J<sup>C</sup>, Shahar R<sup>PI</sup>. 2014. Remodeling in bone without osteocytes: Billfish challenge bone structure-function paradigms. Proceedings of the National Academy of Science. 111(45): 16047–16052 (9.809; 4/55 (Multidisciplinary sciences); 40).
  14. **Shipov A<sup>PI</sup>**, Biton E<sup>C</sup>, Shati S<sup>C</sup>, Joseph R<sup>C</sup>, Milgram J<sup>PI</sup>. 2015. Pin size selection for normograde intramedullary pinning of distal humeral fractures in the dog. Veterinary Surgery. (1.215. 43/136 (Veterinary science); 3).

### Since appointment as Clinical Lecturer

15. Jimenez-Palomar I<sup>S</sup>, **Shipov A<sup>C</sup>**, Shahar R<sup>C</sup>, Barber A.H<sup>PI</sup>. 2015. Mechanical behavior of osteoporotic bone at sub-lamellar length scales. Frontiers in Materials. (2.68 119/293 (materials science, multidisciplinary); 6).
16. Jimenez-Palomar I<sup>S</sup>, **Shipov A<sup>C</sup>**, Shahar R<sup>C</sup>, Barber A.H<sup>PI</sup>. 2015. Structural orientation dependent sub-lamellar bone mechanics. Journal of Mechanical Behavior of Biomedical Materials. (3.48. 13/32 (Material science, biomaterials); 10)
17. **Shipov A<sup>PI</sup>**, Israeli I, Weiser E, Kelmer E, Klainbart S, Milgram J<sup>PI</sup>. 2015. Minimally invasive unilateral arytenoid lateralization in dogs: a cadaveric study. Research in Veterinary Science. (1.75. 33/141 (Veterinary sciences); 2)
18. \* **Shipov A<sup>PI</sup>**, Kelmer G<sup>C</sup>, Lavy E<sup>C</sup>, Milgram J<sup>C</sup>, Aroch I<sup>C</sup>, Segev G<sup>PI</sup>. 2015. Long-term outcome of trans-endoscopic oesophageal mass ablation in dogs with *Spirocerca lupi*-associated oesophageal sarcoma. The Veterinary Record. (2.10. 16/141 (Veterinary sciences); 3)
19. **Shipov A<sup>PI</sup>**, Milgram J<sup>C</sup>, Shalev N<sup>S</sup>, Aroch I<sup>C</sup>, Segev G<sup>PI</sup> 2018. Changes in D-dimer concentration in dogs following soft tissue and orthopedic surgery. Veterinary Surgery. (1.04. 67/141 (Veterinary sciences); 1).

20. \* **Shipov A<sup>PI</sup>**, Shahar R<sup>C</sup>, Sugar N<sup>S</sup>, Aroch I<sup>C</sup>, Segev G<sup>PI</sup> 2018 The influence of chronic kidney disease on the structural and mechanical properties of canine bone. Journal of Veterinary Internal Medicine. (2.28, 12/141 (Veterinary sciences); 3)
21. Pazzi P<sup>PI</sup>, Kavkovsky A<sup>S</sup>, **Shipov A<sup>C</sup>**, Segev G<sup>C</sup>, Dvir E<sup>PI</sup>. 2018. Spirocerca lupi induced oesophageal neoplasia: Predictors of surgical outcome. Veterinary Parasitology. 250:71-77 (2.01, 22/141 (Veterinary science); 3)
22. Lerman O<sup>PI</sup>, Israeli I<sup>C</sup>, Weingram T<sup>C</sup>, Benzioni-Bar H<sup>C</sup>, Milgram J<sup>C</sup> and **Shipov A<sup>PI</sup>**. Acute mesenteric ischemia-like syndrome associated with suspected S.lupi aberrant migration in dogs. Accepted to The Journal of Veterinary Emergency and Critical Care. (1.194, 55/141 (Veterinary sciences); 0)
23. Ober C.<sup>PI</sup>, Factor G.<sup>C</sup>, Meiner Y.<sup>S</sup>, Segev G.<sup>C</sup>, **Shipov A.<sup>C</sup>**, Milgram J.<sup>PI</sup>. 2019. The effect of tibial plateau leveling osteotomy and tibial tuberosity advancement on passive laxity of the cranial cruciate deficient stifle in dogs. Veterinary Surgery. 48 (3):401-407 (1.044, 67/141 (Veterinary science); 2)
24. Milgram J.<sup>PI</sup>, Stockman J.<sup>C</sup>, Segev G.<sup>C</sup>, Meiner Y.<sup>C</sup>, **Shipov A<sup>PI</sup>**. 2019 The contribution of the palmar radiocarpal and ulnocarpal ligaments to the stability of the canine antebrachiocarpal joint. Accepted to Veterinary Comparative Orthopaedics and Traumatology. 32 (4):305-313 (0.81; 84/141 (veterinary science); 0).
25. **Shipov, A.<sup>PI</sup>**, Vardi, E.<sup>S</sup>, Yudelevitch S.<sup>C</sup>, and Milgram, J.<sup>PI</sup> 2019 Ultrasonographic Assessment of the Immature Canine Coxo-Femoral Joint In Accordance with Graf's Technique. Israeli Journal of Veterinary Medicine 74 (2):67-73. (0.288, 119/141 (Veterinary Sciences); 0).
26. Carmeli-Ligati S<sup>S</sup>, **Shipov A.<sup>C</sup>**, Dumont M.<sup>C</sup>, Holtze S<sup>C</sup>, Hildebrandt T<sup>C</sup>, Shahar R<sup>PI</sup>. 2019 The structure, composition and mechanical properties of the skeleton of the naked mole-rat (Heterocephalus glaber). Bone Nov;128:115035. (4.36, 32/145 (endocrinology and metabolism); 0)
27. Milgram J.<sup>PI</sup>, Yas-Natan E.<sup>C</sup>, Benzioni-Bar H.<sup>C</sup>, **Shipov A.<sup>PI</sup>**. 2019 A proposed technique for one-step preputial reconstruction in the dog. The Journal of Small Animal Practice. 60(12):739-745. (1.044, 67/141 (Veterinary Science); 0)
28. \* Kavkovsky A.<sup>PI</sup>, Avital Y.<sup>S</sup>, Aroch I., Segev G., **Shipov A<sup>PI</sup>**. 2020 Perioperative urinary heat shock protein 72 as an early marker of acute kidney injury in dogs of different American Society of Anesthesiologists status groups. Journal of Veterinary Anaesthesia and Analgesia. 47(1):53-60\_(1.368, 54/141 (Veterinary sciences); 0).
29. Bitton E<sup>PI</sup>, Keinan Y<sup>S</sup>, **Shipov A<sup>C</sup>**, Joseph R<sup>C</sup>, Milgram J<sup>PI</sup>. 2020. Use of bilateral superficial gluteal muscle flaps for the repair of ventral perineal hernia in dogs. A cadaveric study and short case series. Veterinary Surgery. 49 (8):1536-1544. (1.255, 61/141 (Veterinary science); 0)

30. Chai O<sup>PI</sup>, Mazaki-Tovi M<sup>C</sup>, Klainbart S<sup>C</sup>, Kelmer E<sup>C</sup>, **Shipov A<sup>C</sup>**, Shamir MH<sup>PI</sup>. 2020. Serum Concentrations of Neuron-Specific Enolase in Dogs Following Traumatic Brain Injury. Journal of Comparative Pathology. 179: 45-51. (0.994, 81/141 (Veterinary Science), 0)
31. Chen, H<sup>PI</sup>. **Shipov A<sup>C</sup>**, Segev G 2020<sup>PI</sup>. Evaluation of cross-linked gelatin as a bulking agent for the management of urinary sphincter mechanism incompetence in female dogs. 2020.. The Journal of Veterinary Internal Medicine. 34 (5):1914-1919 (2.194, 20/141 (Veterinary science); 0)
32. Atamna R<sup>PI</sup>, Bitton E<sup>C</sup>, Shemtov Y<sup>C</sup>, Segev G<sup>C</sup>, **Shipov A<sup>C</sup>**, Milgram J<sup>PI</sup>. The effect of the interosseous ligament and selected antebrachiocondylar ligaments on rotation of the radius during extension of the carpus. Accepted to Veterinary Surgery. (1.255, 61/141 (Veterinary science); 0)

### **B. Clinical Case Reports**

1. **Shipov A<sup>PI</sup>**, Shahar R<sup>C</sup>, Joseph R<sup>C</sup>, Milgram J<sup>C</sup>. 2008. Successful management of bilateral patellar tendon rupture in a dog. Veterinary Comparative Orthopaedics and Traumatology. 21: 181-4. (1.025; 65/136 (Veterinary science); 14).
2. Merbl Y<sup>PI</sup>, Kelmer E.<sup>C</sup>, **Shipov A<sup>C</sup>**, Golani Y<sup>C</sup>, Yudelevitch S<sup>C</sup>, Klainbart S<sup>C</sup>. 2010. Resolution of persistent pneumothorax by use of blood pleurodesis in a dog after surgical correction of a diaphragmatic hernia. Journal of the American Veterinary Medicine Association. 1;237(3):299-303. (1.860; 19/145 (Veterinary science); 6).
3. Cohen L(\*)<sup>PI</sup>, **Shipov A<sup>PI</sup>**(\*), Ranen E<sup>C</sup>, Bruchim Y<sup>C</sup>, Segev G<sup>C</sup>. 2012. Bilateral ureteral obstruction in a cat due to a ureteral transitional cell carcinoma. Canadian Veterinary Journal. 53:535-8. (\*- **equal contribution**). (0.767; 76/143 (veterinary science); 6)
4. Yas E<sup>PI</sup>, Kelmer G<sup>C</sup>, **Shipov A<sup>C</sup>**, Ben Oz J<sup>C</sup>, Segev G<sup>PI</sup>. 2013. Successful transendoscopic oesophageal mass ablation in two dogs with *Spirocerca lupi* associated oesophageal sarcoma. Journal of Small Animal Practice. 54: 495-8. (0.907; 65/129 (veterinary science); 8).
5. **Shipov A<sup>PI</sup>**, Zafrany A<sup>PI</sup>, Kahana N<sup>C</sup>, Peery D<sup>C</sup>, Sommer A<sup>C</sup>, Winkler R<sup>C</sup>, Segev G<sup>PI</sup>. 2014. Successful Balloon Expandable Stent Placement in the Management of Severe Proximal Urethral Stricture in a Cat. Israel Journal of Veterinary Medicine 69: 88-92. (0.205. 124/136 (Veterinary science); 0).

**Since appointment as Clinical Lecturer**

6. Rapoport, K.<sup>PI</sup>, Shamir M. H<sup>C</sup>, Bibring U<sup>C</sup>, Barnoon I<sup>C</sup>., **Shipov A<sup>C</sup>**. and Chai O<sup>PI</sup>. 2016. Epidural Spinal Empyema and Vertebral Osteomyelitis in a Cat. The Israeli Veterinary Journal. (0.288, 119/141 (Veterinary Science); 1)
7. Klainbart S<sup>PI</sup>, Peery D<sup>C</sup>, Chen H<sup>C</sup>, Segev G<sup>C</sup>, **Shipov A<sup>PI</sup>**. Baloon-expandable aortic stent-graft for treatment of aortic aneurism and rupture. Accepted to the Journal of Veterinary Emergency and Critical Care. (1.047, 78/141 (Veterinary Sciences); 0)

## **6. Participation in Scientific Conferences, Lectures and Other Activity**

### ***1.1. International Conferences***

#### ***6.1.1 Invited Speaker in International Conferences***

1. **Shipov A.** Prostatic diseases in dogs. The 25<sup>th</sup> annual symposium of the Slovene Small Animal Veterinary Association. Portoroz, Slovenia; March 2012.
2. **Shipov A.** Neoplasia of the urinary system in dogs and cats. The 25<sup>th</sup> annual symposium of the Slovenian Small Animal Veterinary Association. Portoroz, Slovenia; March 2012.
3. **Shipov A.** Selected congenital and acquired anomalies of the urinary tract. The 25<sup>th</sup> annual symposium of the Slovenian Small Animal Veterinary Association. Portoroz, Slovenia; March 2012.
4. **Shipov A.** Urolithiasis in dogs and cats. The 25<sup>th</sup> annual symposium of the Slovenian Small Animal Veterinary Association. Portoroz, Slovenia; March 2012.

#### **Since appointment to clinical lecturer:**

5. **Shipov A.** Segev G. Does renal osteopathy exist in companion animals? Advanced Renal Symposium, Renal week. Davis California; March 2016.
6. **Shipov A.** Reconstruction of the lower urinary tract. The 11<sup>th</sup> Hellenic Veterinary Society meeting, Athens, Greece; November 2016.
7. **Shipov A.** Recent advances in treatments of ureteral obstruction in cats. The 11<sup>th</sup> Hellenic Veterinary Society meeting, Athens, Greece; November 2016.
8. **Shipov A.** Milgram J. Circular, linear and hybrid external fixations. The Romanian Veterinary Orthopedic Society meeting. Sinaya, Romania. April 2018

#### ***6.1.2. Oral presentations***

1. Segev G, **Shipov A**, Klement, E, Harrus, S., Kass, P. and Aroch, I. Vipera xanthina palaestinae envenomation in 327 dogs: epidemiological, clinical and clinicopathological signs, risk factors and effects of therapy on mortality. The 13<sup>th</sup> congress of the European Society of Veterinary Internal Medicine. Uppsala, Sweden 2003.
2. **Shipov A**, Zaslansky P, Riesemeier H, Segev G, Atkins A, Shahar R. Structural and mechanical properties of rat cortical bone. 18<sup>th</sup> congress of the European

society of biomechanics annual meeting, Lisbon, Portugal 2012.

3. Milgram J, **Shipov A**, Weiser M, Israeli I, Kleinbart S, Kelmer E. Minimally invasive unilateral arytenoid lateralization in dogs - a cadaveric study. 22<sup>nd</sup> annual scientific meeting of ECVS, Rome, Italy. 2013.
4. Milgram J, **Shipov A**, Weiser M, Israeli I, Kleinbart S, Kelmer E. Minimally invasive unilateral arytenoid lateralization in dogs - a cadaveric study. ACVS veterinary symposium, the surgical summit, San Antonio, TX, USA 2013.

#### **Since appointment to clinical lecturer**

5. **Shipov A.**, Kelmer G, Lavy E., Milgram J., Aroch I., Segev G. S. Lupi esophageal mass ablation, 24<sup>th</sup> annual scientific meeting of ECVS, 2015, Berlin, Germany.

#### **6.1.3. Posters**

1. **Shipov A**, Ben Itzhak I, Milgram J. Ultrasonographic evaluation of the immature canine coxo-femoral joint. 15<sup>th</sup> annual scientific meeting of ECVS, Seville, Spain 2006.

#### **Since appointment to clinical lecturer:**

2. **Shipov A.**, Lerman O., Israeli I., Weingram T., Benzioni-Bar H., Milgram J. Acute mesenteric ischemia-like syndrome associated with *S. lupi* aberrant migration in dogs. 27<sup>th</sup> annual scientific meeting of ECVS 2018, Athens, Greece.
3. Kavkovsky A. **Shipov. A.**, Urinary heat shock protein as an early marker for kidney injury in dogs undergoing different types of surgery. 27<sup>th</sup> annual scientific meeting of ECVS 2018, Athens, Greece (**Student presented poster**)
4. Klainbart S. Peery D., Segev G and **Shipov, A.**, The 19<sup>th</sup> European Veterinary Emergency & Critical Care society meeting. June 2019, Ghent, Belgium
5. **Shipov A.**<sup>PI</sup>, Israeli I. <sup>C</sup>, Billey J. P. <sup>C</sup>, Adam A. <sup>S</sup>, Milgram J.<sup>PI</sup> The effect of perineal urethrostomy on the urethra of the cat. A cadaveric study. 28<sup>th</sup> annual scientific meeting of ECVS 2019, Budapest, Hungary.
6. Atamna R. <sup>S</sup>, Kirby B. <sup>C</sup>, **Shipov A.**<sup>C</sup>, Milgram Y., Milgram J.<sup>PI</sup> The effect of a cricoid stent on the rima glottidis and intraluminal laryngeal pressure in dogs. 28<sup>th</sup> annual scientific meeting of ECVS 2019, Budapest, Hungary. (**Student presented the poster**).

#### **1.2. Local conferences**

**6.2.1 Invited lectures: none****6.2.2 Oral Presentations**

1. Milgram J, **Shipov A**, Weiser M, Israeli I, Kleinbart S, Kelmer E. Minimally invasive unilateral arytenoid lateralization in dogs. . The 37<sup>th</sup> Veterinary Symposium, Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel December 2014. (**Oral presentation**)

**Since appointment to clinical lecturer:**

2. **Shipov. A.** Sugar N, Shahar R., Segev G. The effects of chronic kidney disease on the cortical and cancellous bone of dogs. The 38<sup>th</sup> Veterinary Symposium, Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel December 2015. (**Oral presentation**)
3. **Shipov. A.**, Milgram J, Shalev. N, Aroch. I, Segev. G. Changes in D-Dimer concentrations following soft tissue and orthopedic surgery. The 40<sup>th</sup> Veterinary Symposium, Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel December 2017. (**Oral presentation**)
4. Kavkovsky. A., Pazzi P., Segev G., Dvir E., **Shipov. A.** Spirocerca lupi induced oesophageal neoplasia: Predictors of surgical outcome. The 40<sup>th</sup> Veterinary Symposium, Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel December 2017. (**Oral presentation, student presented the abstract**)
5. Kavkovsky A.<sup>S</sup>, Avital Y., Segev G. and **Shipov A.**<sup>PI</sup> Urinary Heat Shock Protein as an Early Marker for Kidney Injury in Dogs Undergoing Different Types of Surgery. The 41<sup>th</sup> Veterinary Symposium, Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel December 2018. (**Oral presentation, student presented the abstract**)
6. Chen H.<sup>S</sup>, **Shipov A.**, Segev G. Evaluation of cross-linked gelatin as a bulking agent for the management of urinary sphincter mechanism incompetence in female dogs. The 41<sup>th</sup> Veterinary Symposium, Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel December 2018. (**Oral presentation, student presented the abstract**)

**6.3. Other Lectures and Seminars in Israel**

1. **Shipov A.** Minimally invasive osteosynthesis/traumatology. Continuing education in radiology. Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel. 2012. (**Invited lecture**).

**Since appointment to clinical Lecturer**

2. **Shipov A.** and Segev G. Medical and Surgical Management of Challenging Urological Cases. Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel December 2015 (**Invited lecture**)
3. **Shipov. A.** Advances in Veterinary Surgery, minimally invasive surgery. Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel. 2015. (**Invited lecture**).
4. **Shipov A.** Cohen L, Milgram J. Soft tissue and abdominal surgery - Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel October 2017 Koret. (**Practical Laboratory instructor**).
5. **Shipov. A** Ureteral diseases- Israeli college for Veterinary Continuing Education. January 2018. (**Invited lecture**).
6. **Shipov. A** Renal surgery- Israeli college for Veterinary Continuing Education. January 2018. (**Invited lecture**).
7. **Shipov A.** Acute abdomen. Continuing Professional Development-Veterinary. Shorashim Israel. October 2018. (**Invited lecture**)
8. **Shipov A.** Surgery of the gastrointestinal tract. Continuing Professional Development-Veterinary. Shorashim Israel. October 2018. (**Invited lecture**)
9. **Shipov A.** Emergency abdominal surgery. Continuing Professional Development-Veterinary. Shorashim Israel. October 2018. (**Invited lecture**)
10. **Shipov. A Ofri.** Cherry eye treatment (**lecture**), palpebral surgery (**practical laboratory instructor**). Continuing education course, ophthalmology, Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel November 2018.
11. **Shipov A.** Cohen L, Milgram J. Soft tissue and abdominal surgery - Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel November 2018 Koret. (**Practical Laboratory instructor**).
12. **Shipov A, Segev G.** Urological medicine and surgery. Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel May 2019.
13. **Shipov. A.,** Abdominal surgery. Koret School of Veterinary Medicine, Hebrew University of Jerusalem, Israel May 2019