

Dr. Ran Nivy, DVM,  
Diplomate ECVIM-CA (Internal Medicine)

## **Academic Qualifications**

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*Veterinary Degree awarded by:* Koret School of Veterinary Medicine,  
The Hebrew University of Jerusalem

*Date awarded:* 24.12.2009

*Other Academic Qualifications:* B.Sc. (2002-2005) Life Sciences,  
(Tel-Aviv University), graduating *summa cum laude*

### *Prizes and Awards*

Rector's Award for Excellence (Master's degrees) (2008)

Dean's award for Excellence (Bachelor's degrees) (2005)

Dean's award for Excellence (Bachelor's degree) (2004)

Wolf Foundation Excellence Award for Graduate Students (2004)

Dean's award for Excellence (Bachelor's degree) (2003)

### **Postgraduate Experience**

2010-211: Rotational Internship in Small Animal Medicine, Hebrew University Veterinary Teaching Hospital, Koret School of Veterinary Medicine

### **Residency**

2011-2014: Residency in Small Animal Internal Medicine, Hebrew University Veterinary Teaching Hospital, Koret School of Veterinary Medicine

**Internal medicine diplomat** (*companion animals*) awarded by – European College of Internal Medicine (CA)

*Date awarded-* 4/2016

## **Teaching activities at the Hebrew University Veterinary Teaching Hospital**

1. Respiratory diseases, immunodeficiency and immune-mediated disorders (third year students, small animal internal medicine course)
2. Antibiotic and steroid use in small animal veterinary medicine (third year students, "clinical pharmacology" course)
3. Clinical approach to abnormal respiratory sounds, bleeding and pro-thrombotic disorders and electrolyte imbalances (third year students, "internal medicine: a problem solving approach" course)
4. Graduate thesis supervisor of veterinary students
5. Supervising students during rotations at the internal medicine department (2010-2019)
6. Clinical supervisor of residents and interns at the internal medicine and emergency & critical care departments (2010-2019)

## **Skills/Qualifications**

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Upper and lower gastro-intestinal endoscopy; Rhinoscopy; Bronchoscopy; Cystoscopy; Balloon dilatation of nasopharyngeal, esophageal and rectal strictures; Trans-endoscopic laser

or electrocauterization – assisted ablation of tracheal and more commonly esophageal masses; Laser lithotripsy for urolithiasis

Language proficiency:

Hebrew- native speaker

English- near native/fluent in both spoken and written English

French- basic communication skills

## **Membership in Scientific Organizations**

European Society of Comparative Gastroenterology

Society of Comparative Endocrinology

## **Administrative Experience**

European College of Veterinary Medicine (companion animals), member of the re-evaluation committee (from 2018)

## **Funding/Grants**

“Serum total histones in dogs with acute pancreatitis, and their association with laboratory findings, markers of inflammation and outcome: a prospective longitudinal study”- **funded by the AKC Canine Health Foundation Inc.** (2017),

“Efficacy of Daboia palaestinae antivenin and fresh frozen plasma in reversing venom-induced hemostatic derangement – an *in vitro* canine study”- **funded by the Hebrew University Veterinary Teaching Hospital Clinical Studies Fund** (2017).

“Effect of periodontal treatment on glycemic control in canine diabetic patients: a prospective, clinical study”- **funded by the AKC Canine Health Foundation Inc.** (2018)

“Urinary alkaline phosphatase,  $\gamma$ -glutamyl transpeptidase, heat-shock protein 72, interleukin-6 and interleukin-18 as diagnostic biomarkers of acute kidney injury and outcome in dogs - a prospective study” – **European College of Veterinary Medicine (Companion Animals) Clinical Studies Fund** (2018)

“Utility of perioperative intravenous mannitol infusion for acute kidney injury prevention – a prospective, randomized, positive-controlled study” - **funded by the Hebrew University Veterinary Teaching Hospital Clinical Studies Fund** (2019)-

## **Lectures and presentations at international and national conferences**

“Serum acute phase proteins concentrations in dogs with spirocercosis and their association with esophageal neoplasia - a prospective observational study”, **Nivy et al.** – 23<sup>rd</sup> ECVIM congress 2013 (oral presentation)

“The diagnostic utility of urinary alkaline phosphatase and  $\gamma$ -glutamyl transferase in early recognition of acute kidney injury in dogs”, **Nivy et al.** – 26<sup>th</sup> ECVIM congress 2016 (oral presentation)

“The contribution of baseline cortisol to interpretation of the ACTH stimulation test in the diagnosis of canine hyperadrenocorticism: 73 cases”, **Nivy et al.** - 26<sup>th</sup> ECVIM congress 2016 (poster)

“Retrospective Study of 157 Cats with Pancreatitis Requiring Hospitalization: Clinicopathological Findings, Prognostic Markers and Outcome”, **Nivy et al.** – ACVIM congress, 2018 (poster)

“Efficacy of Daboia palaestinae antivenin and fresh frozen plasma in reversing venom-induced hemostatic derangement – an in vitro canine study”, **Nivy et al.** – 28<sup>th</sup> ECVIM congress, September 2018, (poster)

“Trends in serum cobalamin, folate and total iron binding capacity concentrations in pregnant bitches and their association with hematological parameters and neonatal survival”, **Nivy et al.** - 28<sup>th</sup> ECVIM congress, September 2018, (poster)

“Prospective Evaluation of 2 Treatment Protocols in Preventing Recurrence in 51 Cats with Obstructive FIC”, **Nivy et al.**- ACVIM congress, 2019 (poster)

“Should your dog get anti-TNF? Veterinarian’s experience with IBD”. **Ran Nivy, Invited lecture**, - the biannual conference of the Israeli IBD Society, 11/2019

“Prospective Evaluation of Urinary Alkaline Phosphatase and  $\gamma$ -glutamyl Transpeptidase As Diagnostic and Prognostic Biomarkers of Acute Kidney Injury In Dogs”, **Nivy et al.** – 30<sup>th</sup> ECVIM congress, September 2020 (oral presentation)

### **Continuing education- invited lectures and courses**

Advances in the treatment of diabetic dogs and cats- a 2-hour lecture to general practitioners, September 2019, Israel

Hepatobiliary diseases- a 12-hour course to general practitioners; February and June 2020, Israel

Chronic enteropathies in dogs and cats, a 4-hour lecture to general practitioners, April 2020, Israel

Immunosuppression in the clinical setting- a 2-hour lecture to general practitioners, September 2020, Israel

### **Publications**

1. **Nivy R.**, Hahn S., Perl S., Karnieli A., Karnieli O. and Aroch I. A Fatal Outbreak of Parvovirus Infection: First Detection of Canine Parvovirus Type 2c in Israel with Secondary Escherichia coli Septicemia and Meningoencephalitis. *Israel J Vet Med* 2011;66:96-102.
2. Segev G., **Nivy R.**, Kass PH., Cowgill, LD. A retrospective study of acute kidney injury in cats and development of a novel clinical scoring system for outcome prediction for cats managed by hemodialysis. *J Vet Intern Med* 2013;27:830-839.
3. **Nivy R.**, Itkin Y., Bdolah-Abram T., Segev G. and Aroch I. Neutrophil counts and morphology in cats: a retrospective case control study of 517 cases. *Israel J Vet Med* 2013;68:149–157.
4. **Nivy R.**, Caldin M., Lavy E., Shaabon K., Segev G. and Aroch I. Serum acute phase protein concentrations in dogs with spirocercosis and their association with esophageal neoplasia - A prospective cohort study. *Vet Parasitol* 2014;203:153-159.

5. **Nivy R.**, Lyons LA, Aroch I. and Segev G. Polycystic kidney disease in four British shorthair cats with successful treatment of bacterial cyst infection. *J Small Anim Pract* 2015;56:585-589.
6. **Nivy R.**, Brenner O., Kaufmann R., Aroch I. and Zur, G. Steroid-responsive cold-agglutinin disease with haematological and dermatological manifestations in a dog. *Israel J Vet Med* 2016;71:27-31.
7. **Nivy R.**, Avital Y, Aroch I. and Segev G. Utility of urinary alkaline phosphatase and  $\gamma$ -glutamyl transpeptidase in diagnosing acute kidney injury in dogs. *Vet J.* 2017;220:43-47.
8. Merbl Y., Chai O., Shamir M., Ederi N., **Nivy R. et al.** Endomyocarditis, Meningoencephalitis and Septic Shock due to Disseminated Protothecosis in a Dog. *Israel J Vet Med* 2017; 73(1)64-67.
9. **Nivy R.**, Kaplanov A, Kuzi S, Mazaki-Tovi M, Yas E, Segev G, Ben-Oz J, Lavy E, Aroch I. A retrospective study of 157 hospitalized cats with pancreatitis in a tertiary care center: Clinical, imaging and laboratory findings, potential prognostic markers and outcome. *J Vet Intern Med.* 2018 Nov;32(6):1874-1885.
10. **Nivy R.**, Refsal KR, Ariel E, Kuzi S, Yas-Natan E, Mazaki-Tovi M. The interpretive contribution of the baseline serum cortisol concentration of the ACTH stimulation test in the diagnosis of pituitary dependent hyperadrenocorticism in dogs. *J Vet Intern Med.* 2018 Nov;32(6):1897-1902.
11. Rimer D., Lerman O., Klainbart S., **Nivy R.** Lethal Acute Hemorrhage from an Aortic-Esophageal Fistula Following Endoscopy-Assisted Esophageal Foreign Body Removal in a Dog (accepted for publication in *JVECC*, 12<sup>th</sup> January 2019).
12. **Nivy R.**, Mazaki-Tovi M., Aroch I., Tal S. Time course of serum cobalamin, folate, and total iron binding capacity concentrations in pregnant bitches and association with hematological variables and survival. *J Vet Intern Med.* 2019 Jul-Aug; 33(4): 1627–1634.
13. **Nivy R.** Segev G., Rimer D., Bruchim Y., Mazaki-Tovi M. A prospective randomized study of efficacy of 2 treatment protocols in preventing recurrence of clinical signs in 51 male cats with obstructive idiopathic cystitis. *J Vet Intern Med.* 2019 Sep-Oct; 33(5): 2117–2123.
14. Yaron B., Aroch I., **Nivy R.**, et al. Impacts of previous heatstroke history on physiological parameters eHSP72 and biomarkers of oxidative stress in military working dogs. *Cell Stress Chaperones.* 2019 Sep; 24(5): 937–946.
15. **Nivy R.**, Aroch I., Bruchim Y. Efficacy of Specific Antivenin and Fresh Frozen Plasma in Reversing *Daboia palaestinae* Venom-Induced Hemostatic Derangement – *J Vet Emerg Crit Care*, 2020 Jul; 30(4): 396-404
16. Kuzi S., Mazor R., Segev G, **Nivy R.** et al. Prognostic markers and assessment of a previously published clinical severity index in 109 hospitalised dogs with acute presentation of pancreatitis. *Vet Rec*, 2020 Jul;187(2)
17. Kuzi S., Mazaki-Tovi M., Suchodolski J., Rimer D., Lidbury A., Steiner M., Buono A., **Nivy R.**, Segev G., Aroch I. Protease inhibitors, inflammatory markers, and their association with outcome in dogs with naturally occurring acute pancreatitis. *J Vet Intern Med.* 2020 Sep-Oct; 34(5): 1801-1812.
18. Rimer D., Lerman O., Klainbart S. and **Nivy R. (last author)**: Lethal acute hemorrhage from an aorto-esophageal fistula following endoscopy-assisted esophageal foreign body removal in a dog. *J Vet Emerg Crit Care*, 2020, 2020 Sep;30(5):587-591.