

## **Curriculum Vitae Prof. Federico Fracassi**

### **ADDRESS:**

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### **DEGREES:**

1. Doctor in Veterinary Medicine (DVM) with 110/110 cum laude State University of Bologna, ITALY, July 2001.
2. PhD University of Bologna, May 2005
3. Dipl. European College of Veterinary Internal Medicine - companion animals (ECVIM-CA), speciality Internal Medicine, September 2012

**LICENCE TO PRACTICE:** Italy, November 2001

### **PROFESSIONAL ACTIVITIES:**

1. Full time volunteer in the clinic activity at the Department of Veterinary Clinical Sciences (Internal Medicine), University of Bologna, Italy, October 1999–February 2002
2. Position as PhD student at the Department of Veterinary Clinical Sciences (Internal Medicine), University of Bologna, Italy, March 2002 - May 2005.
3. Position as visitor in the Clinic for Small Animal Internal Medicine, University of Zurich, Switzerland, from 1 October 2003 until 23 December 2003
4. Position as Resident (Alternative Residency) Clinic for Small Animal Internal Medicine, University of Zurich, Switzerland, 5 months per year, from 2005 to 2010.
5. Position as Assistant Professor at the Department of Veterinary Clinical Sciences (Internal Medicine), University of Bologna, Italy, from March 2006 to April 2016.
6. Position as Associate Professor at the Department of Veterinary Clinical Sciences (Internal Medicine), University of Bologna, Italy, from May 2016. Clinical activity mainly in Internal Medicine and Endocrinology.
7. Head of the unit of Internal Medicine (companion animals) Department of Veterinary Clinical Sciences (Internal Medicine), University of Bologna, Italy from December 2014

## **SCIENTIFIC ORGANIZATIONS / OTHER ACTIVITIES**

President of the European Society of Veterinary Endocrinology (ESVE)

Board member of the executive committee of the ECVIM-CA congress (responsible for the abstracts)

Board Member (Treasurer) of the Italian Companion Animal Veterinary Association (SCIVAC)

Past President of the Italian Society of Veterinary Internal Medicine - Società Italiana di Medicina Interna Veterinaria (SIMIV)

Editor in Chief of the Italian Scientific Journal "Veterinaria" (present in SCOPUS)

Main organizer of the Summer School of Veterinary Endocrinology (event of the European Society of Veterinary Endocrinology held every 2 years, aimed to train ECVIM and ACVIM residents in veterinary endocrinology).

Invited speaker in more than 70 national and international courses/seminars/congresses of continuing education (Internal Medicine)

Member of the scientific committee (head and responsible for the program) of more than 10 congresses/courses of Veterinary Internal Medicine.

Prof. Fracassi has served as referee for 10 international journals (Journal of Veterinary Internal Medicine, The Veterinary Journal, Journal of the American Veterinary Medical Association, Plos One, Veterinary Clinical Pathology, Feline Medicine and Surgery, Journal of Small Animal Practice, Canadian Veterinary Journal, Research in Veterinary Science, Journal of Veterinary Medical Sciences) and one national journal (Veterinaria).

He was the reviewer for the abstracts of Endocrinology of the following congress of the European College of Veterinary Internal Medicine: 21th Congress, Seville, 8-10 September 2011; 22th Congress, Maastricht, 6 to 8 September 2012, 23th congress, Liverpool, 12 to 14 September 2013. He was the reviewer for the abstracts of the International Congress of Internal Medicine SCIVAC of Rimini in the years 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017.

## **PUBLICATIONS**

Since 2003, Prof. Fracassi has authored (first author or co-author) 66 peer-reviewed scientific publications, more than 70 scientific abstracts and 3 book chapters.

He is the co-editor of the book "Feline Endocrinology". E. Feldman, F. Fracassi, M. Peterson, EDRA, Milan, 1<sup>st</sup> Ed. The book is multi-author (42 authors) and will be available from April 2019.

He is author of the chapter 304 “Canine Diabetes Mellitus” of the Textbook of Veterinary Internal Medicine, Ettinger-Feldman- Cotè, 8° ed, Elsevier, 2017.

He is author of the chapter 75 “Canine Acromegaly” of the *Kirk & Bonagura’s CURRENT VETERINARY THERAPY XVI*, Scansen-Bonagura Elsevier, 2020.

He is author of the chapter 32 “Insulin treatment of Diabetes Mellitus” of the Feline Endocrinology. E. Feldman, F. Fracassi, M. Peterson, EDRA, Milan, 1<sup>st</sup> Ed. The textbook is multi-author (42 authors) 2019.

He is editor of the Italian Textbook “Medicina Interna-casi clinici di autovalutazione”, Edizioni Veterinarie, Cremona, 2016; for this textbook, he coordinated the activity of 32 co-authors.

Dr Fracassi was responsible for the Italian translation of the following books: Nelson RW, Couto CG. Small Animal Internal Medicine. 4th ed. St. Louis: Elsevier, 2014; Rijnberk A, Kooistra HS: Clinical endocrinology of dogs and cats, 2<sup>nd</sup> ed, Hannover, schlütersche, 2010.

## **PUBLICATIONS IN REFEREED JOURNALS**

Korpershoek E, Dieduksman DAER, Grinwis GCM, Day MJ, Reusch CE, Hilbe M, Fracassi F, Krol NMG, Uitterlinden AG, de Klein A, Eussen B, Stoop H, de Krijger RR, Galac S, Dinjens WNM. Molecular Alterations in Dog Pheochromocytomas and Paragangliomas. *Cancers (Basel)*. 2019 Apr 30;11(5). pii: E607. doi:10.3390/cancers11050607.

Carotenuto G, Malerba E, Dolfini C, Brugnoli F, Giannuzzi P, Semprini G, Tosolini P, Fracassi F. Cushing's syndrome-an epidemiological study based on a canine population of 21,281 dogs. *Open Vet J*. 2019 Apr;9(1):27-32.

Del Magno S, Fracassi F, Grinwis GCM, Mandrioli L, Gandini G, Rossi F, Sirri R, Pisoni L, Tryfonidou MA, Meij BP. Sequential Treatment of a Large Pituitary Corticotroph Neoplasm and Associated Neurological Signs in a Dog. *J Am Anim Hosp Assoc*. 2019 Mar/Apr;55(2):e55202.

Malerba E, Mazzarino M, Del Baldo F, Corradini S, Carotenuto G, Giunti M, Fracassi F. Use of lispro insulin for treatment of diabetic ketoacidosis in cats. *Journal of Feline Medicine and Surgery* 2019 Feb;21(2):115-123.

Fracassi F, Linari G, Del Baldo F, Di Cunzolo A, D'Angelo S, Malerba E, Carotenuto G, Bonfanti U, Corradini S. Comparison of lente insulin and NPH insulin therapy for the treatment of newly diagnosed diabetic dogs: a randomised study. *Vet Rec*. 2018 Sep 1;183(8):262.

Galiazzo G, Giancola F, Stanzani A, Fracassi F, Bernardini C, Forni M, Pietra M, Chiocchetti R. Localization of cannabinoid receptors CB1, CB2, GPR55, and PPAR $\alpha$  in the canine gastrointestinal tract. *Histochem Cell Biol*. 2018 Aug;150(2):187-205. doi: 10.1007/s00418-018-1684-7. Epub 2018 Jun 7.

Di Girolamo N, Fecteau K, Carnimeo A, Bongiovanni L, Fracassi F, Isani G, Selleri P. Variability of serum aldosterone concentrations in pet ferrets (*Mustela putorius furo*). *J Am Vet Med Assoc*. 2018 Jun 1;252(11):1372-1376. doi: 10.2460/javma.252.11.1372.

Serpe FP, Fiorito F, Esposito M, Ferrari A, Fracassi F, Miniero R, Pietra M, Roncada P, Brambilla G. Polychlorobiphenyl levels in the serum of cats from residential flats in Italy: Role of the indoor environment. *J Environ Sci Health A Tox Hazard Subst Environ Eng*. 2018 Mar 19, pp. 1-9.

D'Angelo S, Fracassi F, Bresciani F, Galuppi R, Diana A, Linta N, Bettini G, Morini M, Pietra M. Effect of *Saccharomyces boulardii* in dog with chronic enteropathies: double-blinded, placebo-controlled study. (2017) *Veterinary Record pii: vetrec-2016-104241*.

Cosio, C., Sartori, E., Garatti, M., Luccardini, L., Grinwis, G.C.M., Kooistra, H.S., Fracassi, F. Prolactinoma in a Dog (2017) *Veterinary Pathology*, 54 (6), pp. 972-976.

Reusch, C.E., Fracassi, F., Sieber-Ruckstuhl, N.S., Burkhardt, W.A., Hofer-Inteeworn, N., Schuppiesser, C., Stirn, M., Hofmann-Lehmann, R., Boretti, F.S. Altered Serum Thyrotropin Concentrations in Dogs with Primary Hypoadrenocorticism before and during Treatment (2017) *Journal of Veterinary Internal Medicine*, 31 (6), pp. 1643-1648.

Polidoro, G., Giancola, F., Fracassi, F., Pietra, M., Bettini, G., Asti, M., Chiocchetti, R. Substance P and the neurokinin-1 receptor expression in dog ileum with and without inflammation (2017) *Research in Veterinary Science*, 114, pp. 297-307.

Del Baldo, F., Fracassi, F. Canine diabetes mellitus: Treatment and monitoring [Il diabete mellito nel cane: Terapia e monitoraggio] (2017) *Veterinaria*, 31 (2), pp. 71-87.

Malerba, E., Fracassi, F. Canine and feline diabetic ketoacidosis [La chetoacidosi diabetica nel cane e nel gatto] (2017) *Veterinaria*, 31 (2), pp. 89-103.

Gianella, P., Pietra, M., Crisi, P.E., Famigli Bergamini, P., Fracassi, F., Morini, M., Boari, A. Evaluation of clinicopathological features in cats with chronic gastrointestinal signs (2017) *Polish Journal of Veterinary Sciences*, 20 (2), pp. 403-410.

Gianella, P., Lotti, U., Bellino, C., Bresciani, F., Cagnasso, A., Fracassi, F., D'Angelo, A., Pietra, M. Clinicopathologic and prognostic factors in short- and long-term surviving dogs with protein-losing enteropathy [Facteurs clinico-pathologiques et pronostics chez les chiens survivant à court et à long terme à un syndrome d'entéropathie exsudative] (2017) *Schweizer Archiv für Tierheilkunde*, 159 (3), pp. 163-169.

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Petrelli, A., Fracassi, F. Canine acute pancreatitis: Etiopathogenesis, symptomatology and diagnosis [La pancreatite acuta nel cane: Eziopatogenesi, sintomatologia e diagnosi] (2016) Veterinaria, 30 (2), pp. 99-114.

Riederer, A., Zini, E., Salesov, E., Fracassi, F., Padrutt, I., Macha, K., Stöckle, T.M., Lutz, T.A., Reusch, C.E. Effect of the Glucagon-like Peptide-1 Analogue Exenatide Extended Release in Cats with Newly Diagnosed Diabetes Mellitus (2016) Journal of Veterinary Internal Medicine, 30 (1), pp. 92-100.

Fracassi, F., Malerba, E., Furlanello, T., Caldin, M. Urinary excretion of calcium and phosphate in dogs with pituitary-dependent hypercortisolism: Case control study in 499 dogs (2015) Veterinary Record, 117 (24), p. 625.

Diana, A., Linta, N., Cipone, M., Fedone, V., Steiner, J.M., Fracassi, F., Grandis, A., BaronToaldo, M. Contrast-enhanced ultrasonography of the pancreas in healthy cats (2015) BMC Veterinary Research, 11 (1), art. no. 64, .

Fracassi, F. Cushing's syndrome in dogs: Complex diagnosis, difficult therapeutic management [La Sindrome di Cushing nel cane: Complessa la diagnosi, difficile la gestione terapeutica] (2015) Veterinaria, 29 (2), pp. 5-6.

Malerba, E., Morini, M., Fracassi, F. Generalized vitiligo in a dog with primary hypoadrenocorticism (2015) Veterinary Dermatology, 26 (5), pp. 376-e86.

Fracassi, F., Corradini, S., Hafner, M., Boretti, F.S., Sieber-Ruckstuhl, N.S., Reusch, C.E. Detemir insulin for the treatment of diabetes mellitus in dogs (2015) Journal of the American Veterinary Medical Association, 247 (1), pp. 73-78.

Fracassi, F., Corradini, S., Floriano, D., Boari, A., Aste, G., Pietra, M., Bergamini, P.F., Dondi, F. Paper :Prognostic factors for survival in dogs with pituitary-dependent hypercortisolism treated with trilostane (2015) Veterinary Record, 176 (2), p. 49. Cited 3 times.

Corradini, S., Fracassi, F. Canine cushing's syndrome: Etiopathogenesis, symptomatology and diagnosis [La Sindrome di Cushing nel cane: Eziopatogenesi, sintomatologia e diagnosi] (2014) Veterinaria, 28 (3), pp. 17-27.

Zagnoli, L., Fracassi, F. Feline cushing's syndrome [La Sindrome di Cushing nel gatto] (2014) Veterinaria, 28 (3), pp. 29-33.

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Fracassi, F., Mandrioli, L., Shehdula, D., Diana, A., Grinwis, G.C.M., Meij, B.P. Complete surgical removal of a very enlarged pituitary corticotroph adenoma in a dog (2014) *Journal of the American Animal Hospital Association*, 50 (3), pp. 192-197.

Bertazzolo, W., Didier, M., Gelain, M.E., Rossi, S., Crippa, L., Avallone, G., Roccabianca, P., Bonfanti, U., Giori, L., Fracassi, F. Accuracy of cytology in distinguishing adrenocortical tumors from pheochromocytoma in companion animals (2014) *Veterinary Clinical Pathology*, 43 (3), pp. 453-459.

Daminet, S., Kooistra, H.S., Fracassi, F., Graham, P.A., Hibbert, A., Lloret, A., Mooney, C.T., Neiger, R., Rosenberg, D., Syme, H.M., Villard, I., Williams, G. Best practice for the pharmacological management of hyperthyroid cats with antithyroid drugs (2014) *Journal of Small Animal Practice*, 55 (1), pp. 4-13.

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Palagianò, P., Fracassi, F. Primary erythrocytosis (polycythemia vera) in a cat [Eritrocitosi primaria (policitemia vera) in un gatto] (2013) *Veterinaria*, 27 (4), pp. 31-36.

Pietra, M., Fracassi, F., Diana, A., Gazzotti, T., Bettini, G., Peli, A., Morini, M., Pagliuca, G., Roncada, P. Plasma concentrations and therapeutic effects of budesonide in dogs with inflammatory bowel disease (2013) American Journal of Veterinary Research, 74 (1), pp. 78-83.

Pisoni, L., Del Magno, S., Lotti, D., Mandrioli, L., Zagnoli, L., Bresciani, F., Corradini, S., Cloriti, E., Jöechler, M., Cinti, F., Fracassi, F. Transphenoidal hypophysectomy in a dog with hypercortisolism and neurologic signs due to a pituitary macroadenoma [Ipofisectomia transfenoidale in un cane con ipercortisolismo e sintomi neurologici secondari a macroadenoma ipofisario] (2012) Veterinaria, 26 (6), pp. 25-35.

Benchekrout, G., de Fornel-Thibaud, P., Dubord, M., Dossin, O., Fracassi, F., Rannou, B., Garnier, F., Maurey-Guenec, C., Daminet, S., Rosenberg, D. Plasma ACTH Precursors in Cats with Pituitary-Dependent Hyperadrenocorticism (2012) Journal of Veterinary Internal Medicine, 26 (3), pp. 575-581.

Del Magno, S., Pisoni, L., Magarotto, J., Ravera, M., Melis, G., Bassi, P., Joechler, M., Fracassi, F. Two cases of suspect primary hyperaldosteronism in cats [Due casi di sospetto iperaldosteronismo primario nel gatto] (2012) Veterinaria, 26 (1), pp. 41-50.

Fracassi, F., Boretti, F.S., Sieber-Ruckstuhl, N.S., Reusch, C.E. Use of insulin glargine in dogs with diabetes mellitus (2012) Veterinary Record, 170, pp. 52- 52.

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Quante, S., Fracassi, F., Gorgas, D., Kircher, P.R., Boretti, F.S., Ohlerth, S., Reusch, C.E. Congenital hypothyroidism in a kitten resulting in decreased IGF-I concentration and abnormal liver function tests (2010) Journal of Feline Medicine and Surgery, 12 (6), pp. 487-490.

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Fracassi F., Shehdula D., Diana A., Veldhuis Kroeze E.J.B., Meij P.B. 2009 Primary polycythemia in a dog with hypercortisolism Journal of Veterinary Clinical Sciences, 2 pp.42-50.

Fracassi F., Hadar G.S., Pietra M., Famigli Bergamini P. 2009 Assesment of two portable blood glucose meters for use in dogs and cats Journal of Veterinary Clinical Sciences, 2, pp 108-121.

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