

CURRICULUM VITAE

PERSONAL DATA

First Name: Manuela

Last Name: Crasta

Home Address: Via Zenerigolo 28, 40017

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E-mail Address: mcrasta@visionvet.it

Date of Birth: 26th September, 1972

Place of birth: Rome, Italy

Nationality: Italian

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EDUCATION

1990 High School “Maria Immacolata”, Rome-Italy

1997 University of Perugia, Faculty of Veterinary Medicine. Doctor in veterinary Medicine

2000-2001 Diplome in Ophthalmology EPU –Ecole Veterinaire, Maisons Alfort- France

January 2008: PhD in Veterinary Ophthalmology (3 Years programs) at the University of Veterinary Medicine of Messina -Messina, Italy.

May 2011: Diploma of the European College of Veterinary Ophthalmology ECVO. Utrecht- Holland

DATE OF GRADUATION

9 October 1997: Doctor in Veterinary Medicine, graduate of Veterinary University of Perugia- Italy.
Thesis: Internal Medicine - Hypocalcaemia.

SCIENTIFIC DEGREE(S) /DATE:

May 1998: Habilitation/licence of veterinary medicine . Perugia- Italy

January 2008: PhD in Veterinary Ophthalmology (3 Years programs) at the University of Veterinary Medicine of Messina -Messina, Italy.

Title of Thesis: Cryotherapy and Bleomycin like therapy in Squamous Cell Carcinoma in Cats.

May 2011: Diploma in Veterinary Ophthalmology of the European College of Veterinary Ophthalmology ECVO. Utrecht- Holland

OPHTHALMOLOGY EDUCATION AND TRAINING

June 1998 –February 1999 Begin training in Veterinary Ophthalmology under the supervision of Dr Adolfo Guandalini, PhD, DECVO - Clinica Veterinaria Caffarella - Rome, Italy.

March 1999-October 1999 Externship in Veterinary Ophthalmology under a supervision of Mr Pip Boydel, DVM, Cert Ophthal, and Mr Grant Rosburgh, DVM, Cert Ophthal – Animal Medical Centre - Manchester UK.

December 1999 Assistant of Dott Guandalini Adolfo, PhD, DECVO – Rome- Italy.

January 2000-February 2001 Full Training in Ophthalmology. Ecole Vétérinaire of Maisons - Alfort under the supervision of Prof Bernard Clerc, DVM, DECVO- Paris - France.

March 2001-June 2001 Externship at the Long Island Veterinary Specialists, under the supervision of Dr John Sapienza, DVM, DACVO- Long Island, New York- USA.

September 2001-December 2001 Clinical and Surgical Training under the supervision of Dr A. Guandalini, DVM, DECVO- Roma- Italy.

February 2005 Externship at the Ophthalmology Department of University of Florida with Dr D.Brooks and Dr K. Gelatt, both DACVO, PhD. Gainesville-Florida- USA.

February-April 2009 Externship North Carolina State University. Ophthalmology Department with Brian Gilger DACVO and PhD. Part of Residency- USA

May-June 2009 .Working with Adolfo Guandalini DECVO. Rome-Italy

July-August 2009 and January –April 2010 and January 2011. Externship at University of Barcelona with Marta Leiva and Teresa Pena both DECVO-Spain

From January 2001 to Present Working as an Ophthalmologist (Visionvet Clinic) full time.

ATTENDED OPHTHALMOLOGY COURSES / MEETING

1997/1998 /1999/2000 /2001//2004/2005/2006/2007/2008/2009/2010/2011 ECVO meeting

1998 Ocular Immunology Advanced Course- November, 19-20.Cremona- Italy

1998 Systemic Disease related to the Eye. Novenber 21-22. Cremona-Italy

1999 BSAVA/BrAVO congress. Birmingham- UK

1999 Morphology and Physiology of Optic nerve. June, 3-4. Cremona – Italy

2000\ 2002 SFEROV congress. Paris- France

2000 SFO (Società Frances Ophthalmologist) Human Conference. Paris- France

2001 Southeastern Veterinary Ophthalmology Society. Florida-USA

2002 SOI (Società Oculisti Italiani) Human Ophthalmology. Rome- Italy

2000-2001 Diplome in Ophthalmology EPU –Ecole Veterinaire, Maisons Alfort- France

2000 Phacoemulsification Alcon Course. Paris- France

2000 Ocular Microsurgery advanced Course. Cremona-Italy. 2 days program

2002 V Basic Science Course in Veterinary and Comparative Ophthalmology and Histologic Basis of Ocular Disease. North Carolina State University. Raleigh- USA

2003\2004\2006\ 2008 ACVO Meeting. Coeur d'Alene- Idaho, Washington D.C., San Antonio – TX, Boston USA

2003 Retinal Detachment and Vitreo-retinal Surgery Course. S.Vainisi, DACVO. Milano- Italy.

2003 Ophthalmology Ultrasound Course. Coeur D'Alene- USA

2004 XVII Phacoemulsification Course in vivo. Caceres- Spain. 3 days program

2004 Advanced Course on Corneal Transplantation and Staminal Cells. T.Pena, dipl ECVO. Rimini-Italy

2004 ERU and Surgery Course. Munich-Germany.

2005 Ocular Pathology Course. Pfiffer, dipl ACVO. Cremona-Italy

2005 Avian Medicine Course. R.T.Corbel, Oporto-Portugal

2006 Neurophthalmology Course. L.Cauzinille. DECVN. Bruges-Portugal

2006 Electrophysiology- Optic and Vision Course. R.Ofri, PhD, DECVO. Rimini-Italy

2007 Glaucoma Course. Gillian Mc Lellan PhD, DECVO, DACVO, Genova, Italy

2008 Virtual Cataract Course, Boston, USA

2009 Equine Intraocular Surgery. Brian Ginger and David Wilkie DACVO, Berlin-Germany

2011 Glaucoma advanced course. Berlin-Germany

TRAINING DETAILS IN

Ophthalmology related Diagnostic Imaging:

1997 Basic Course in general ultrasound, Perugia-Italy.

1997 Advanced Course in general ultrasound, Perugia- Italy.

2000, Maisons -Alfort- France

2002-2007 Working with Dr Federica Rossi, DVM, DECVDI, giving me assistance and saltuary lessons about ophthalmology related CT scan, Radiology and Ultrasound.

Bologna-Italy

Ophthalmology related clinical pathology and histopathology interpretations:

2000- 2001 working with Dr PierLuigi Fant, DVM, DECVPPath. Maisons Alfort- France

2005 Journal club about Pathology - 1 hour\week for 3 weeks with David Taylor, DVM, DACVPPath. Gainesville-Florida

Neurology related Ophthalmology:

1999 (limited 5 hours a week for 7 months) rotation in Neurology with Pip Boydel, CertVOphthal MRCVS.

ORAL PRESENTATIONS

Invited Speaker:

- *March 2005*- The Ophthalmic Consulting- CVB - Bologna-Italy
- *December 2006*- Corneal Disease in domestic animals- Forlì-Bologna-Italy
- *December 2006*- Basic ophthalmology course- Forlì-Bologna-Italy
- *April 2006*- Case report-Cataract and Primary Glaucoma in a dog- CVB – Bologna-Italy
- *May 2007*- Ophthalmic Emergencies- CVB-Bologna-Italy
- *October 2007*-Ophthalmic Emergencies- I PORTONI ROSSI- Bologna –Italy
- *November 2007* – Neurophthalmology – Neurology course (3 years program) PERFORMAT- University of Bologna-Italy
- *2004- 2006* - 12 hours of lessons / year in Ophthalmology to the students of 3°,4°,5° year and PhD students as external professor. University of PADOVA-Italy.
- February 2008*- The cornea in small animals. Ordine dei Medici di Vicenza- Italy
- *May 2009*- Common Ocular diseases in dogs. University of Messina- Italy-
- *October 2009*- Postoperative Hypertension after Cataract surgery in dog. ACVO, Chicago-USA
- *October 2009*- Postoperative Hypertension after Cataract surgery in dog. SOVI, Cremona-Italy
- *September 2010*- Corneal disease in dog and cat. Circolo Veterinario Bolognese. Bologna –Italy
- *September 2010*- Hypertensive Rethinopathy in cat. AIVPAFE. Venezia- Italy

GENERAL MEDICINE AND PROFESSIONAL ACTIVITIES

October 1997 - May 1998 Internship in Medicine and Surgery of small and big animals University of Veterinary Medicine- Perugia Italy.

October 1997 - May 1998 Additional studies and practice in clinic and surgery of small animals at Arcelli Veterinary Clinic- Perugia Italy.

October 1998 - December 1998 Zoospedale Flaminio Referral Centre, Rome Italy. Part time General Practice, Emergency and Critical Care.

December 1998 - March 1999 Zoospedale Flaminio Referral Centre, Rome Italy. Emergency/ Critical care employ.

October 1998 - March 1999 Private Clinic, Ostia-Rome Italy. Part time employ General Practice: Medicine and Surgery.

March 2000 - February 2001 Referral Centre, Chilly Mazarin, Paris France. Part time employ as general practitioner and Emergency and Critical Care employ.

CURRENT PROFESSIONAL ACTIVITIES

Private practice: Visionvet Clinic for eyes.

Office/Clinic: VISIONVET Clinica Oculistica Veterinaria
Full address: Via E.Fermi 65
40017, San Giovanni in Persiceto Bologna Italy
info@visionvet.it



Since March 2018:
CityU PAVC (Previously Peace Avenue Veterinary Clinic)
G/F, 7B Liberty Avenue,
MongKok, Kowloon, Hong Kong, China



Since February 2019:
VetByte Telemedicine
Ophtalmology Specialist



Academic:

University of PADOVA-Italy. Since 2004 to 2006 giving 12 hours of lessons /year in Ophthalmology to the students of 3^o, 4^o, 5^o year and PhD students as external professor.

University of Messina-Italy. PhD in Veterinary Ophthalmology. January 2005- January 2008.
Thesis on Bleomicin and Cryotherapy as treatment of ocular SCC in cats.

University of Milano (Human Medicine Ophthalmology) – Use of Nanoparticles as Draeger Delivery System in Rabbit Eyes- still in project. Submitted to ARVO

Telethon - Use of Adenoassociated Vectors for a marker protein (CFP carrier fluorescein protein) - Subretinal Injection of Drug Vectors in Pig Eyes – still in project.

University of Barcelona, UAB- Ophthalmology Department –Clinical and surgical Ophthalmology. 2010 Spain .

MEMBER OF SCIENTIFIC ORGANIZATION

SOVI-ECVO

PUBLICATIONS

Inflammatory disorders affecting the nictitating membrane in domestic carnivores.
B.Clerc, M. Crasta Le Point Veterinaire, 2000.vol 31; 471-476.

Three cases of prolapsed of the nictitans gland in cats.
Sabine Chahory, Manuela Crasta, Stefania Trio and Bernard Clerc Veterinary Ophthalmology, 2004.vol 7; 6,417.

Solid Lipid Nanoparticles as new drug delivery system: a preliminary study of safety and bioavailability after topical administration in rabbits.
Poster submitted to ARVO.

AAV2/5 transduces more efficiently than other AAV serotypes the pig cone-enriched retina.
In collaboration with Telethon Institute of Genetics and Medicine (TIGEM), Naples, Italy;

Effect of three treatment protocols on acute ocular hypertension after phacoemulsification and aspiration of cataracts in dogs (p 14-19).
Manuela Crasta, Alison B. Clode, Richard J. McMullen Jr., Diana O. Pate, Brian C. Gilger Published Online: Jan 13 2010 6:30AM DOI: 10.1111/j.1463- 5224.2009.00748.x Veterinary Ophthalmology, Volume 13 Issue 1 (January 2010)

AAV-mediated photoreceptor transduction of the pig cone-enriched retina
C Mussolino^{1,2}, M della Corte³, S Rossi³, F Viola⁴, U Di Vicino¹, E Marrocco¹, S Neglia¹, M Doria¹, F Testa³, R Giovannoni⁵, M Crasta⁶, M Giunti⁷, E Villani⁴, M Lavitrano⁵, ML Bacci⁷, R Ratiglia⁴, F Simonelli^{1,3}, A Auricchio^{1,8} and EM Surace¹
Gene Therapy (2011), 1–9 & 2011 Macmillan Publishers Limited All rights reserved 0969-7128/11
www.nature.com/gt

Effect of body position, eyelid manipulation, and manual jugular compression on intraocular pressure in clinically normal cats
Seyed Mehdi Rajaei, Faezeh Asadi, Mohammad Reza Rajabian, Hesam Ostadhassan, Manuela Crasta Vet Ophtalmol. Mar 2018; 140-143; doi: 10.1111

Oftalmologia veterinaria, ed. 2016
Multari - Guandalini - Sapienza
Autore dei capitoli su sclera, cornea e glaucoma

Medicina e chirurgia degli animali esotici, ed. 2017
Selleri - Di Girolamo - Collarile
Autore delle parti sulle patologie oftalmiche di tutti gli animali esotici.

Corneoconjunctival transposition for the treatment of deep stromal to full-thickness corneal defects in dogs: A multicentric retrospective study of 100 cases (2012-2018).
Savina Gogova, Marta Leiva, Ángel Ortillés, Rodrigo P Lacerda, Cristina Seruca, Fernando Laguna, Manuela Crasta, Jose Ríos, María Teresa Peña.
Vet Ophthalmol. 2020 May;23(3):450-459; doi: 10.1111/vop.12740.

Successful treatment of distichiasis in a cow using a direct-contact 810-nm diode laser.
Veterinary Surgery. 2021;1–5
Arteaga K, Crasta M.

JOURNALS

Veterinary Ophthalmology since 1994-to present

LANGUAGES

Mother language: Italian

English

French

Spanish

OPHTHALMOLOGY SPECIFIC INTEREST

CORNEAL PATHOLOGY AND SURGERY, CATARACT AND RETINA