



Europass Curriculum Vitae

Personal information

First name / Surname **Ratto Alessandra**

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Nationality Italian

Date of birth 16/02/1958

Gender Female

Work experience

Dates 01/03/2002 onwards

Occupation or position held Veterinary Officer

Main activities and responsibilities Histopathologist at the National Reference Center for Veterinary and Comparative Oncology (CEROVEC)

Name and address of employer Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d'Aosta - IZS PLVA

Type of business or sector Animal health

Dates From October 1987 to February 2002

Occupation or position held Veterinary histopathologist

Main activities and responsibilities Histopathologist at the Laboratory of Carcinogenesis in Vivo / Comparative Oncology; Researcher in field especially regarding animal neoplasms.

Name and address of employer National Institute for Cancer Research (IST) - Genoa, Italy

Type of business or sector Comparative oncology

Dates From May 1985 to May 1987

Occupation or position held Veterinary Officer

Main activities and responsibilities Officer Professional Associate at the Experts Associate Program: FAO Project of Animal Health GCP / RLA / 071 / ITA for the Prevention of African Swine Fever in countries members of the Cartagena Agreement.

Name and address of employer Italian Ministry of Foreign Affairs, Lima, Peru

Type of business or sector Animal health

Education and training

Dates 09/11/1983
 Title of qualification awarded Degree in Veterinary Medicine
 Name and type of organisation providing education and training Faculty of Veterinary Medicine of Pisa
 Level in national or international classification DVM

Dates July 1977
 Title of qualification awarded High School Diploma
 Name and type of organisation providing education and training Scientific High School
 Level in national or international classification High School Diploma

Personal skills and competences

Mother tongue **Italian**

Other languages

Self-assessment

European level ()*

English

Spanish

French

Portuguese

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B1	basic level	C1	basic level	A2	basic level	A2	basic level	B1	basic level
C1	advanced level	C1	advanced level	C1	advanced level	C1	advanced level	C1	advanced level
A2	basic level	A2	basic level	A2	basic level	A2	basic level	A2	basic level
A1	basic level	A1	basic level	A1	basic level	A1	basic level	A1	basic level

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Acquisition of good predisposition to team work by collaborating with research partners.

Organisational skills and competences Good organizational skills at work and in all the situations requiring a planning.

Computer skills and competences Competent with most Microsoft Office programmes.

Artistic skills and competences Remarkable skills at drawing and painting.

Driving licence Driving license of A and B category.

Additional information

MAIN PUBLICATIONS

"Canine osteosarcoma cell lines contain stem-like cancer cells: biological and pharmacological characterization"; Gatti M, Wurth R, Vito G, Pattarozzi A, Campanella C, Thellung S, Maniscalco L, De Maria R, Villa V, Corsaro A, Nizzari M, Bajetto A, **Ratto A**, Ferrari A, Barbieri F, Florio T. Japanese Journal of Veterinary Research 64(2): 101-112, 2016.

"In vitro and in vivo antiproliferative activity of metformin on stem-like cells isolated from spontaneous canine mammary carcinomas: translational implications for human tumors"; Barbieri F, Thellung S, **Ratto A**, Carra E, Marini V, Fucile C, Bajetto A, Pattarozzi A, Würth R, Gatti M, Campanella C, Vito G, Mattioli F, Pagano A, Daga A, Ferrari A, Florio T; BMC Cancer 15:228, 2015.

"CXCR4 expression in feline mammary carcinoma cells: evidence of a proliferative role for the SDF-1/CXCR4 axis"; Ferrari A, Petterino C, **Ratto A**, Campanella C, Wurth R, Thellung S, Vito G, Barbieri F, Florio T; BMC Veterinary Research 8: art. num. 27, 2012.

"Isolation of stem-like cells from spontaneous feline mammary carcinomas: Phenotypic characterization and tumorigenic potential"; Barbieri F, Wurth R, **Ratto A**, Campanella C, Vito G, Thellung S, Daga A, Cilli M, Ferrari A, Florio T; Ex Cell Res 318: 847-860, 2012.

"Goat anti-human GM-CSF recognizes canine GM-CSF"; **Ratto A**, Petterino C, Florio T, Barbieri F; Vet Clin Pathol 41(1): 3-4, 2012.

"Pathology in practice"; Petterino C, Luzio E, Zotti A, Turinelli V, Ferrari A, **Ratto A**; J Am Vet Med Assoc. Oct 1;239 (7): 943-5, 2011.

"Paraneoplastic leukocytosis in a dog with a renal carcinoma "; Petterino C, Luzio E, Baracchini L, Ferrari A, **Ratto A**; Vet Clin Pathol 40/1: 89-94, 2011.

" Receptor tyrosine kinase inhibitors and cytotoxic drugs affect pleural mesothelioma cell proliferation: insight into Egfr and Erk1/2 as antitumor targets"; Barbieri F, Würth R, Favoni RE, Pattarozzi A, Gatti M, **Ratto A**, Ferrari A, Bajetto A, Florio T; Biochem Pharmacol Nov 15;82(10):1467-77, 2011.

"An intra-abdominal malignant mesenchymoma associated with nonabsorbable sutures in a ferret (Mustela putorius furo)"; Petterino C, Bedin M, Vascellari M, Mutinelli F, **Ratto A**.; J Vet Diagn Invest. 22(2):327-31, 2010.

"Isolation of canine cancer stem-like cells and analysis of their pharmacological sensitivity to EGFR tyrosine kinase inhibitors "; Wurth R, Barbieri F, Gatti M, Pattarozzi A, Campanella C, Turno P, Porcile C, Bajetto A, **Ratto A**, Ferrari A, Florio T; Romanian Journal of Comparative Oncology, 18: 1184-1188, 2010.