



**Europass  
Curriculum Vitae**

**Personal information**

Surname/ First name IULINI Barbara  
E-mail barbara.iulini@izsto.it  
Nationality Italian  
Date of birth 17/08/1976

**Occupational field**

Veterinary neuropathology

**Education**

10 July 2006  
**Post graduate specialisation** course on "Science and Medicine of Laboratory Animals"  
University of Milan Faculty of Veterinary Medicine.

30 october 2001  
**Degree in Veterinary Medicine**  
University of Turin - Faculty of Veterinary Medicine

**Work experience**

August 2007 – Present date  
**Senior researcher veterinarian**  
Neuropathology Laboratory – National Reference Laboratory for Transmissible Spongiform Encephalopathies (CEA)

October 2003 -July 2007  
**Researcher**  
Neuropathology Laboratory – National Reference Laboratory for Transmissible Spongiform Encephalopathies (CEA)

February 2003- october 2003  
**Veterinary Training** in the Neuropathology Laboratory – National Reference Laboratory for Transmissible Spongiform Encephalopathies (CEA)

2001-2002  
**Post degree veterinary training at University of Turin – Faculty of Veterinary Medicine**  
**Post degree veterinary training at ASL 3 of Turin**

2001-2003  
**Collaboration with veterinary practitioner**

<p><b>Specific experience in Italy and Europe</b></p>	<p>January 2011- february 2011  <b>University of Naple Federico II – Department of animal pathology</b></p> <p>May 2008  <b>Neuropathology laboratory</b> of Berne- Veterinary Faculty of Berne (Switzerland)</p> <p>2005-2006  <b>Department of " Benessere Animale, Immunoprofilassi, Allevamento e sperimentazione animale"</b> of Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia Romagna</p>
<p><b>Main activities and responsibilities</b></p>	<p>Research activity on surveillance of animal diseases with main experience on TSEs, downer cow syndrome, swine disease. Research activity on Vector borne diseases and on surveillance of stranded marine mammals.</p> <p>Formation activity in the TSEs field to veterinary practitioners and to veterinarians working in public Institutes. Studies on diagnostic methods of TSEs, in particular histology and immunoistochemistry and on differential diagnosis of other neuropathologies. Clinical examination of experimentally infected animals. Organization of culling plans of scrapie outbreaks all over the Italian territory and participation to the samplings of tissues from scrapie affected animals in order to study the epidemiologic characteristics of the disease. Experience in the sanitary surveillance on tick borne diseases and marine mammals strandings. Participation to activities of the National Reference Center on Diagnostic Investigations on Marine Mammal Stranded (C.Re.Di.Ma. - Istituto Zooprofilattico del Piemonte Liguria and Valle d'Aosta)</p>
<p><b>Teaching activity</b></p>	<p>Teacher in training courses on TSEs and participation in the drafting of TSEs E-learning lessons</p> <p>Participation, as lecturer, in national and international meetings/training courses held from 2003 on various subjects relevant to TSEs and other neurological diseases and on tick borne diseases and marine mammals diseases.</p>
<p><b>Training courses</b></p>	<ul style="list-style-type: none"> <li>- ESAVS "Neuropathology Intensive course" Faculté de Veterinary Medicine of Bern 19-23 october 2005</li> <li>- ESAVS "Neurology I Intensive course" Faculté of Veterinary Medicine of Bern 21-25 october 2006</li> <li>- "Communication, teamwork and empowerment" Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d'Aosta ; 15 july 2007 to 28 february 2008</li> <li>- European course on the pathology of laboratory animals D.E.S.V. of Veterinary Pathology and the C.L. Davis Foundation Paris , 20-24 April 2009</li> <li>- 8<sup>th</sup> Annual European Descriptive Veterinary Pathology course, Armed Forces Institute of pathology Barcellona 18-22 may 2009</li> <li>- CME course in Neuropathology 2011 – Neurodegenerative diseases European confederation of neuropathological societies 19-21 october 2011</li> </ul> <p>Partecipation to many national and international conferences on public health themes</p>
<p><b>Personal skills and competences</b></p>	<ul style="list-style-type: none"> <li>-Team spirit gained in several working experiences in collaboration with other research groups</li> <li>- Good communication skills, gained through formation course, seminars, oral presentations in international conferences and meeting organization</li> <li>-Good experience in project and team management and good sense of organization, gained through several experiences in research and field work.</li> </ul>
<p><b>Computer skills and competences</b></p>	<ul style="list-style-type: none"> <li>- Thorough knowledge of Microsoft Office™ tools (Word, Excel, PowerPoint) , Photoshop, Image J.and Internet</li> <li>- Macro and micro scientific photography</li> </ul>
<p><b>Other positions</b></p>	<p>Member of EFSA group " Inventory of available data sources and proposal for data collection on vector-borne zoonoses in animals"</p>
<p><b>Prize</b></p>	<p><b>Winner prize at the " 5th International Conference on Emerging Zoonoses" , Lymassol, Cipro, 15-18 Novembre 2007 with poster: "Immunohistochemical and molecular study of pathological prion protein in italian scrapie affected goats"</b></p>

<b>Publications</b>	
<b>Abstracts</b>	She is author and co-author of more 100 abstracts at national/international congresses
<b>Chapter of book</b>	<p>Caramelli M., <b>Iulini B.</b> "Encefalopatia spongiforme felina" su Manuale di malattie infettive del cane e del gatto"; Autore : Stefano Bo -SCIVAC 2005, pag 84-85</p> <p>Casalone C., <b>Iulini B.</b>, Pintore MD., Maurella C., Bozzetta E., Cantile C., Gandini G., Capucchio MT., Calistri A., D'angelo A., Caramelli M., " Zoonoses surveillance in Italy (2000-2009): investigation on animals with neurological symptoms" <i>Intech Book</i> 2011, Novembre</p> <p>Maurella C., Casalone C., <b>Iulini B.</b>, Caramelli M. " Bovine Spongiform Encephalopathy: history and diagnosis of a decreasing epidemic. Food Safety assurance and veterinary public health-Foodborne virus and prions and their significance for public health. Vol 6 pag 275-302.</p> <p><b>Iulini B.</b>, Vallino Costassa E., Corona C., Meloni D., Favole A., MazzaM. Caramelli M., Maurella C. Casalone C. . "Classical and Atypical Bovine Spongiform Encephalopathy: Epidemiology, Pathogenesis and Diagnosis". <i>Intech Book On Prions</i>,2017 (ISBN 978-953-51-5046-6).DOI: 10.5772/67332.</p> <p>Casalone C, Iulini B, <b>Vallino Costassa E.</b> "Agenti infettivi non convenzionali". Capitolo 18. Microbiologia e immunologia veterinaria.</p>
<b>Publications on national journals</b>	<p>Casalone C., <b>Iulini B.</b>, Crescio M.I., Gagna C., Cantile C., Castagnaro M., Mandara M.T., Ligios C., Loria G. R., Ru G., Caramelli M. "Sorveglianza sulla Encefalopatia Spongiforme Felina in Italia". <i>Rassegna di Medicina felina</i>, Anno 8, Numero 1,2004, pag. 17-22.</p> <p><b>Iulini B.</b> "Encefalopatia spongiforme felina: clinica, diagnosi e sorveglianza" <i>Orizzonti di Medicina Veterinaria</i>, Anno 6° numero 2 dicembre 2004.</p> <p>Corona C.,Martucci F., Mazza M., <b>Iulini B.</b>, Porcario C., Marconi P., Casalone C., Caramelli M. " Identificazione della proteina prionica patologica nella lingua di pecore affette da scrapie naturale" <i>Il Chirone</i>, giugno 2006.</p> <p>Bona C., Possidente R., <b>Iulini B.</b>, Mazza M., Zuccon F., Meloni D., Ru G. " La Scrapie in Italia. Uno sguardo alla situazione epidemiologica".<i>Il Chirone</i>, settembre 2006.</p> <p><b>Iulini B.</b>, Caramelli M., Casalone C., Castagnaro M., Mandara M.T., Ligios C., Loria G.R., Cantile C. " Sorveglianza della FSE in Italia: aspetti neuropatologici in gatti clinicamente sospetti". <i>Il Progresso Veterinario</i>. Ottobre 2006.</p> <p>Caramelli M., Corona C., Lombardi G., <b>Iulini B.</b>, Torcoli G., Perazzini AZ, martucci F., Barbieri I., Capobianco R.,Mazza M., Gelmetti D., Monaco S., Acutis PL, Tagliavini F, Zanusso G., Capucci L., Casalone C. " Bovine Amyloidotic Spongiform Encephalopathy (BASE) Una nuova malattia da prioni nel bovino" <i>Il Chirone</i>. Giugno 2007.</p> <p><b>Iulini B.</b> Maurella C., D'Angelo A., Avanzato T., Florio C.L., Bellino C., Manea B., Gelmetti D., Maroni Ponti A., Caramelli C., Casalone C. Sorveglianza della BSE in Italia: aspetti neuropatologici in bovini clinicamente sospetti . <i>Large Animal Review</i> dicembre 2009.</p> <p>Porcario C., Martucci F., <b>Iulini B.</b>, Vallino Costassa E., Corbellini D., Chieppa MM, Pintore M.D., Mazza M., Acutis PL., Casalone C., Corona C. Coinvolgimento del sistema olfattivo in corso di scrapie naturale. <i>Large Animal Review</i> 2010; 16:21-32</p> <p>Grattarola C., <b>Iulini B.</b>, Zoppi S., Varello K., Dondo A., Rumello G., Baglivo T., Rondoletti M., Savini G., Amorisco F., Casalone C. Indagine su tre focolai di febbre catarrale maligna nel bovino in Piemonte. <i>Large Animal Review</i> 2011; 17-2 49- 55.</p>

	<p>Pautasso A., <b>Iulini B.</b>, D'Angelo A., Bellino C., Dondo A., Tursi M., Corrente M., Greco MF., Pintore MD., Bozzetta E., Maurella C., Casalone C. Sindrome della vacca a terra : sistema di monitoraggio clinico diagnostico in Piemonte. <i>Large Animal Review</i> 2011; 17:83-88</p> <p>D'Angelo A., Bellino C., Borrelli A., Bruno B., Falco S., Gianella P., <b>Iulini B.</b>, Miniscalco B., Casalone C., Cagnasso A Crisi convulsive nel bovino.: esperienze di campo. <i>Buitaria</i> vol7 n.1.2012</p> <p><b>Iulini B.</b>, Casalone C. Aggiornamenti scientifici e normativi sulle prions diseases" <i>La settimana Veterinaria</i> n 858 22 gennaio 2014</p> <p>Desiato R., Maurella C., <b>Iulini B.</b>, Pautasso A., Colussi S., Meloni D., Ru G., Casalone C., Caramelli M. Encefalopatia spongiforme bovina: la sorveglianza tra passato e futuro" <i>Large Animal Review</i> . Bimestrale, Anno 20, Numero 3, Giugno 2014</p> <p>Casalone C., Maurella C., Mazza M., <b>Iulini B.</b>, Meloni D., Marchis D., Desiato R., Ru G., Acutis PL., Caramelli M., Bozzetta E. Encefalopatie spongiformi animali: un approccio multidisciplinare per una sorveglianza efficace. <i>Quaderni della società italiana di medicina tropicale e salute globale</i> N. 1,2016 .</p>
<p align="center"><b>Publications on international journals</b></p>	<p>Acutis P.L., Martucci F., Mazza M., Peletto S., <b>Iulini B.</b>, Corona C.,Bozzetta E., Casalone C., Caramelli M. "A case of scrapie in a sheep carryng the lesine-171 allele of the prion protein gene" <i>Archives of Virology</i>, 151: 1875- 1880, 2006</p> <p>Corona C., Casalone C., Acutis P.L., Crescio M.I., Martuci F., <b>Iulini B.</b>, Florio C.L., Gazzuola P., Perfetti G., Bona C., Ru G., Caramelli M. " Detection of Pathological Prion Protein in the tongue of sheep infected with naturally occurring scrapie " <i>Veterinary Research Comm.</i> 30 (Suppl 1)(2006) 239-240.</p> <p>Kong Q., Zheng M., Casalone C., Qing L., Huang S., Chakraborty B., Wang P., Chen .F, Cali I., Corona C., Martucci F., <b>Iulini B.</b>, Acutis P., Wang L., Liang J., Wang M., Li X., Monaco S., Zanusso G., Zou W.Q., Caramelli M., Gambetti P. Evaluation of the human transmission risk of an atypical bovine spongiform encephalopathy prion strain. <i>J Virol.</i> 2008 Apr;82(7):3697-701.</p> <p>Lombardi G. , Casalone C. , D' Angelo A., Gelmetti D. , Torcoli G., Barbieri I. , Corona C. , Fasoli E., Farinazzo A. , Fiorini M. , Gelati M. , <b>Iulini B.</b>, Tagliavini F. , Ferrari S. , Caramelli M., Monaco S, Capucci L. and Zanusso G. " Intraspecies transmission of BASE induces clinical dullness and amyotrophic changes" <i>Plos. Path</i> 2008, May 23; 4 (5).</p> <p>D'Angelo A., Cravero G.C., Crescio M.I., <b>Iulini B.</b>, Maurella C., Casalone C. Cerebellar hypoplasia in a clinically suspected but unconfirmed case of BSE in a cow. <i>Vet Rec.</i> 2008 May 10;162(19):627-8.</p> <p><b>Iulini B.</b>, Cantile C., Mandara MT. Maurella C., Loria GR. , Castagnaro M. , Salvadori C. , Porcario C., Corona C. , Perazzini AZ., Maroni A. , Caramelli M., Casalone C. "Neuropathology of Italian cats in feline spongiform encephalopathy surveillance" <i>Vet. Path. Vet Pathol.</i> 2008 Sep;45(5):626-33.</p> <p>Corona C., Porcario C., Martucci F, <b>Iulini B</b>, Manea B., Gallo M., Palmitessa C., Maurella C., Mazza M, Pezzolato M., AcutisPL, Casalone C. "Olfactory system involvement in natural scrapie" <i>J of Virology</i> 2009 Apr;83(8):3657-67.</p> <p>González L, Sisó S, Monleón E, Casalone C, van Keulen LJ, Balkema-Buschmann A, Ortiz-Peláez A, <b>Iulini B</b>, Langeveld JP, Hoffmann C, Badiola JJ, Jeffrey M, Acín C. "Variability in disease phenotypes within a single PRNP genotype suggests the existence of multiple natural sheep scrapie strains within Europe. " <i>J Gen Virol.</i> 2010 Oct;91(Pt 10):2630-41. Epub 2010 Jun 9.</p> <p>Di Guardo G, Proietto U, Di Francesco CE, Marsilio F, Zaccaroni A, Scaravelli D, Mignone W, Garibaldi F, Kennedy S, Forster F, <b>Iulini B</b>, Bozzetta E, Casalone C. " Cerebral toxoplasmosis in striped dolphins (<i>Stenella coeruleoalba</i>) stranded along the Ligurian Sea coast of Italy. " <i>Vet Pathol.</i> 2010 Mar;47(2):245-53. Epub 2009 Dec 31</p>

Mazza M, **Iulini B**, Vaccari G, Acutis PL, Martucci F, Esposito E, Peletto S, Barocci S, Chiappini B, Corona C, Barbieri I, Caramelli M, Agrimi U, Casalone C, Nonno R. " Co-existence of classical scrapie and Nor98 in a sheep from an Italian outbreak." *Res Vet Sci.* 2010 Jun;88(3):478-85. Epub 2009 Dec 23.

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Porcario C., Mark Hall S., Martucci F., Corona C., **Iulini B.**, Perazzini AZ., Acutis PL., Hamir AN., Loiacono CM., Greenlee JJ., Richt JJ., Caramelli M., Casalone C Evaluation of two sets of immunohistochemical and Western Blot confirmatory methods in the detection of typical and atypical BSE cases. *BMC Research Notes* 2011 Sep 29;4:376

**Iulini B**, Maurella C, Pintore MD, Vallino Costassa E, Corbellini D, Porcario C, Pautasso A, Salata C, Gelmetti D, Avanzato T, Palù G, D'Angelo A, Caramelli M, Casalone C. Ten years of BSE surveillance in Italy: Neuropathological findings in clinically suspected cases. *Res Vet Sci.* 2011 Nov 12

Acutis PL, Martucci F, D'Angelo A, Peletto S, Colussi S, Maurella C, Porcario C, **Iulini B**, Mazza M, Dell'atti L, Zuccon F, Corona C, Martinelli N, Casalone C, Caramelli M, Lombardi G. Resistance to classical scrapie in experimentally challenged goats carrying mutation K222 of the prion protein gene. *Vet Res.* 2012 Feb 1;43(1):8.

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Suardi S, Vimercati C, Casalone C, Gelmetti D, Corona C, **Iulini B**, Mazza M, Lombardi G, Moda F, Ruggerone M, Campagnani I, Piccoli E, Catania M, Groschup MH, Balkema-Buschmann A, Caramelli M, Monaco S, Zanusso G, Tagliavini F. Infectivity in skeletal muscle of cattle with atypical bovine spongiform encephalopathy. *PLoS One.* 2012;7(2):e31449.

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Poli G, Corda E, Martino PA, Dall'ara P, Bareggi SR, Bondiolotti G, **Iulini B**, Mazza M, Casalone C, Hwang SH, Hammock BD, Inceoglu B. Therapeutic activity of inhibition of the soluble epoxide hydrolase in a mouse model of scrapie. *Life Sci.* 2013 May 5. doi:pil: S0024-3205(13)00239-7.

Calzolari M, Pautasso A, Montarsi F, Albieri A, Bellini R, Bonilauri P, Defilippo F, Lelli D, Moreno A, Chiari M, Tamba M, Zanoni M, Varisco G, Bertolini S, Modesto P, Radaelli MC, **Iulini B**, Prearo M, Ravagnan S, Cazzin S, Mulatti P, Monne I, Bonfanti L, Marangon S, Goffredo M, Savini G, Martini S, Mosca A, Farioli M, Gemma Brenzoni L, Palei M, Russo F, Natalini S, Angelini P, Casalone C, Dottori M, Capelli G. West Nile Virus Surveillance in 2013 via Mosquito Screening in Northern Italy and the Influence of Weather on Virus Circulation. *PLoS One.* 2015 Oct 21;10(10):e0140915. doi: 10.1371/journal.pone.0140915.

Decaro N, Losurdo M, Larocca V, Lucente MS, Mari V, Varello K, Patruno G, Camero M, Sciarra M, Occhiogrosso L, Tempesta M, **Iulini B**, Buonavoglia C. HoBi-like pestivirus experimental infection in pregnant ewes: Reproductive disorders and generation of persistently infected lambs. *Vet Microbiol.* 2015 Aug 5;178(3-4):173-80.

D'Angelo A, Bellino C, Bertone I, Cagnotti G, **Iulini B**, Miniscalco B, Casalone C, Gianella P, Cagnasso A. Seizure disorders in 43 cattle. *J Vet Intern Med.* 2015 May-Jun;29(3):967-71. doi: 10.1111/jvim.12592. Epub 2015 Apr

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Pintore MD, Ceballos L, **Iulini B**, Tomassone L, Pautasso A, Corbellini D, Rizzo F, Mandola ML, Bardelli M, Peletto S, Acutis PL, Mannelli A, Casalone C. Detection of Invasive *Borrelia burgdorferi* Strains in North-Eastern Piedmont, Italy. *Zoonoses Public Health.* 2015 Aug;62(5):365-74. doi: 10.1111/zph.12156.

Dall'Ara P, **Iulini B**, Botto L, Filipe J, Martino PA, Pintore MD, Gazzuola P, Mazza M, Dagrada M, Ingravalle F, Casalone C, Palestini P, Poli G. Diets with different lipid contents do not modify the neuronal membrane lipid raft profile in a scrapie murine model. *Life Sci.* 2016 Jan 1;144:226-33.

Grattarola C, Giorda F, **Iulini B**, Pintore MD, Pautasso A, Zoppi S, Gorla M, Romano A, Peletto S, Varello K, Garibaldi F, Garofolo G, Di Francesco CE, Marsili L, Bozzetta E, Di Guardo G, Dondo A, Mignone W, Casalone C. Meningoencephalitis and *Listeria monocytogenes*, *Toxoplasma gondii* and *Brucella* spp. coinfection in a dolphin in Italy. *Dis Aquat Organ.* 2016 Feb 25;118(2):169-74.

Pintore MD., Corbellini D., Chieppa MN., Vallino Costassa E., Forio CL., Varello K., Bozzetta E., Adiano D., Decaro N., Casalone C., **Iulini B**. Canine adenovirus type 1 and *Pasteurella pneumotropica* co-infection in a puppy. *Vet Ital.* 2016 Jan-Mar;52(1):57-62

Vallino Costassa E., **Iulini B**, Mazza M., Acutis P., Maurella C., Meloni D. , Pautasso A., Capucci L., Bozzetta E., Simmons MM., Zanusso G., Pocchiari M., Corona C., Casalone C. Pathogenesis and Transmission of Classical and Atypical BSE in Cattle. 2016 Food Safety Commission, Cabinet Office, Government of Japan . doi: 10.14252/foodsafetyfscj.2016018

Giorda F, Ballardini M, Di Guardo G, Pintore MD, Grattarola C, **Iulini B**, Mignone W, Gorla M, Serracca L, Varello K, Dondo A, Acutis PL, Garibaldi F, Scaglione FE, Gustinelli A, Mazzariol S, Di Francesco CE, Tittarelli C, Casalone C, Pautasso A. Postmortem Findings in Cetaceans Found Stranded in the Pelagos Sanctuary, Italy, 2007-2014. *J Wildl Dis.* 2017 May 5. doi: 10.7589/2016-07-150.

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Verna F, Giorda F, Miceli I, Rizzo G, Pautasso A, Romano A, Iulini B, Pintore MD, Mignone W, Grattarola C, Bozzetta E, Varello K, Dondo A, Casalone C, Gorla M. Detection of morbillivirus infection by RT-PCR RFLP analysis in cetaceans and carnivores. *J Virol Methods.* 2017 Sep;247:22-27.

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Torino , 16/10/2020

A handwritten signature in black ink, appearing to be 'Mellai M', written in a cursive style.