

**PERSONAL
INFORMATION****Arianna Barbara Cristina Lovati**

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🌐 LinkedIn <http://it.linkedin.com/pub/arianna-barbara-lovati/2a/a63/60a/>

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POSITION

Preclinical Research Scientist, Post-doc

WORK EXPERIENCE

Jan 2014–Present

Pre-clinical research scientist, project manager and technology transfer

I.R.C.C.S. Galeazzi Orthopaedic Institute
via R. Galeazzi, 4, 20161 Milan (Italy)

Animal and human cell culture, biological device testing, biomaterial and tissue engineering, preclinical studies on orthopaedic animal models (laboratory and large animals).

Sept 2015–Present

Pre-clinical research scientist, project manager and technology transfer

Tenssive s.r.l.
Via Timavo 34, 20100 Milan (Italy)

Consultant for preclinical studies in vivo (large animal model)

Jul 2009–Dec 2013

Pre-clinical research scientist, project manager and technology transfer

Gruppo San Donato Foundation, Milan (Italy)

- Spallanzani Technologies s.r.l., Rivolta d'Adda, Italy.
- Filarete Foundation, Milan, Italy.
- Integrated Systems Engineering, Milan, Italy.

Animal and human cell culture, biological device testing, biomaterial and tissue engineering, preclinical studies on orthopaedic animal models (laboratory and large animals).

Jul 2008–Dec 2009

Scientific editor in equine medicine and diseases

Dothorse - www.dothorse.it

- Jun 2008–Nov 2012 **Scientific tutor and scientific project manager**
Banca del Monte di Lombardia Foundation (FBML), Pavia (Italy)
- May 2005–May 2010 **Scientific expert**
Quantica s.g.r
via Q. Sella 3, Milan (Italy)
- Technological due diligence for project analysis and evaluation
- Jan 2003–Jun 2007 **Freelance for Veterinary Medicine**
- Equine orthopaedic surgery and internal medicine
 - Extracorporeal shock wave therapy specialist
- Mar 2003–Dec 2007 **Graduate researcher**
Advanced Biotechnology Center (CBA)
S. Martino Hospital, University of Genoa, Genoa (Italy)
- Collection and isolation of animal and human tissues for studying cell culture *in vitro*.
- Jun 2003–Mar 2007 **Graduate researcher**
Biotechnology Research Center “Piera Santambrogio” (CRABCC)
Veterinary Medicine Faculty, University of Milan, Milan (Italy)
- Experimental trial on buffalo bone growth-physis using extracorporeal shock wave therapy (ESWT)
 - Tecar Therapy researcher; cardiovascular-surgical researcher on animal models
- Jul 2002–Sep 2004 **Veterinary doctor**
Hyppovet, Equine Clinic, Carpiano (Italy)
- Anaesthesiologist and surgeon assistant (equine practice)

EDUCATION AND TRAINING

- Nov 2007–Dec 2010 **Ph.D in Veterinary Clinical Science**
University of Milan
via Celoria, 10, 20133 Milan (Italy)
- Animal cell culture, stem cell culture, molecular biology, *in vivo* implantation
Ph.D Thesis: Comparison of equine bone marrow-, umbilical cord matrix-, amniotic fluid- and tendon derived progenitor cells
- Sep 1996–27 Feb 2002 **Doctor in Veterinary Medicine (DVM)**
University of Milan

via Celoria, 10, 20133 Milan (Italy)

Degree Thesis: Extracorporeal shock wave therapy for equine orthopaedic diseases

Jan 2009–Mar 2009

[Internship in molecular biology](#)

Università Politecnica delle Marche, Department of Biochemistry, Biology and Genetics
via Breccie Bianche, Ancona (Italy)

Molecular biology: gene expression, PCR and Real Time PCR

Dec 2007–Feb 2008

[Internship](#)

Cornell University, Veterinary Faculty, Stem Cell Laboratory, Ithaca (NY, USA)

Equine mesenchymal stem cell culture and clinical applications

Nov 2007–Dec 2007

[Specialist certificate](#)

University of Milan
via Festa del Perdono, 7, 20122 Milan (Italy)

Course on spin-off company and management

May 2007–Jun 2007

[Specialist certificate](#)

National Research Center (CNR), Stem cell Fate Laboratory, Naples (Italy)

Stem cell differentiation training course

Jun 2006–Oct 2006

[Specialist certificate](#)

TierKlinik, Telgte (Germany)

Annual European Equine basic and advanced Arthroscopy Course

Oct 2005

[Specialist certificate](#)

Unibell s.r.l, Calco, Lecco (Italy)

Tecar therapy course

Oct 2003–Dec 2003

[Specialist certificate](#)

Zoo-prophylactic and zoo-technical Foundation in collaboration with University of Milan, Brescia (Italy)

Horse management course

17–22 Nov 2014

[Certificate of attendance](#)

	San Raffaele Hospital, Milan (Italy)
	Course on legislation and animal used for scientific purposes
14–16 May 2012	<p>Certificate of attendance</p> <p>IZSLER, Gargnano del Garda (Italy)</p> <p>Science and medicine of laboratory animals</p>
2–4 Nov 2011	<p>Certificate of attendance</p> <p>World Conference of Regenerative Medicine, Leipzig (Germany)</p>
13 Oct 2011	<p>Certificate of attendance</p> <p>Humanitas Hospital, Milan (Italy)</p> <p>Procedures for biobanks and research</p>
24 -26 Nov 2010	<p>Certificate of attendance</p> <p>AICC-GISM, Milan (Italy)</p> <p>Pivotal aspect in mesenchymal stem cell expansion</p>
24 Sep 2010	<p>Certificate of attendance</p> <p>IZSLER, Brescia (Italy)</p> <p>Stem cells in experimental preclinical and clinical models</p>
13 Sep 2010	<p>Certificate of attendance</p> <p>IRCCS Policlinico San Donato, Milan (Italy)</p> <p>Human cardiac stem cells</p>
10 Jul 2010	<p>Certificate of attendance</p> <p>IFOM-IEO, Milan (Italy)</p> <p>Cancer research: synergic interdisciplinary and translational medicine</p>
26 -28 Apr 2010	<p>Certificate of attendance</p> <p>Università di Milano Bicocca, Milan (Italy)</p> <p>Genetic programs of normal and cancer stem cells: from basic mechanisms to therapeutic approaches</p>
11–13 Dec 2009	<p>Certificate of attendance</p>

- IFOM-IEO, Milan (Italy)
Reprogramming cell fate: basic biology and medical perspectives
- 25–27 Oct 2009 [Certificate of attendance](#)
Swiss Biotech, Geneve (Switzerland)
Biobridge 2009: the regenerative medicine conference
- 23 Oct 2009 [Certificate of attendance](#)
AICC, Brescia (Italy)
4th annual course- stem cells: therapeutic potentialities and selfness
- 18 Oct 2009 [Certificate of attendance](#)
IRCCS Galeazzi Orthopaedic Institute, Milan (Italy)
Targeting the brain in movement and behavioural disorders
- 18 Sep 2009 [Certificate of attendance](#)
University of Pavia, Pavia (Italy)
Regenerative medicine and biotechnologies: news, perspective and regulations
- 16 Oct 2008 [Certificate of attendance](#)
AICC, Brescia (Italy)
3rd annual course: Stem cells
- April 2008 [Certificate of attendance](#)
Rizzoli Orthopaedic Institute, Bologna (Italy)
1st Course of regenerative medicine: cell therapy in orthopaedic field and clinical practice
- 30 Nov 2007 [Certificate of attendance](#)
AICC, Brescia (Italy)
2nd Annual course: Cell therapy and cloning in veterinary: experimental and clinical trial
- Jan-Feb 2007 [Certificate of attendance](#)
DIBIT – San Raffaele Hospital, Milan (Italy)
Growth factors for cartilage repair. Engineering cartilage tissue with different cell sources

- Jul 2006 **Certificate of attendance**
DIBIT – San Raffaele Hospital, Milan (Italy)
Biomaterials for cartilage tissue engineering and repair
- 27-28 Feb 2006 **Certificate of attendance**
AICC, Brescia (Italy)
1st annual course: Stem cell characterization course
- 22-23 Jun 2005 **Certificate of attendance**
University of Milan - Hippological Italian Society (SIDI)
7th Congress - New findings in equine practice
- 11-12 Jun 2005 **Certificate of attendance**
Bagnarola Equine Clinic, Bologna (Italy)
Advanced equine tendon and ligament workshop
- Feb 2005 **Certificate of attendance**
University of Siena, Siena (Italy)
School for biotech industrial innovation

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C1	C1	C2
Preliminary English test (PET) B1 - GIU/2002					
Spanish	B2	C1	A2	A2	A2
German	A2	C1	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user

Common European Framework of Reference for Languages

Job-related skills

- surgical and medical expertise with particular skills in orthopaedic field
- cell culture and tissue engineering expertise
- expert in Extracorporeal Shock Wave and Tecar therapy devices
- Histology of *ex vivo* specimen

Social skills and competences

- continuous interaction with scientific and financial communities
- continuous interaction with colleagues from other disciplines competitive work approach and performance
- high teaching skills and teamwork

Organization skills and expertise

- ability to multi-professional team cohesion
- coordination and management of laboratory team
- capacity in project implementation in clinical and experimental trials
- leadership in operational aspects and great ability in time and people organization
- develop skills in fund raising for scientific tasks
- good contacts with Italian "Venture Capital" groups for investments

Artistic abilities

- Jazz, modern and hip-hop dance and cardiofitness at a competitive and professional level
- Swimming, skiing, mountain biking, wakeboarding and kiteboarding at medium-high level
- Horse riding at medium-high level
- Oil painting on canvas and charcoal

Computer skills

Good command of office suite (word processor, spread sheet, presentation software), statistical software (GraphPad Prism), imaging software (MicroView, ImageJ, Photoshop)

ADDITIONAL INFORMATION

Publications

- **Lovati AB**, Bonizzi L. (2006) New scientific findings in equine tendon lesion I Production, Reproduction and Breeding in Animal Science. Global Print, 2006.
- **Lovati AB**. (2006) Terapia ad onde d'urto extracorporee (ESWT) nelle patologie tendineo-legamentose del cavallo e del cane - In: Congress Acts of Società italiana delle scienze veterinarie (SISVET). Electronic journal - ISSN 1825-4454 – 60, p. 315-316.
- Cavallone E, Secchiero B, Di Giancamillo M, **Lovati AB**, Rimoldi EM. (2006) Plasma cortisol levels in dogs undergoing diagnostic imaging procedures. Veterinary Record 159 (22): 749-749.
- **Lovati AB**. (2010) I tic sono una prerogativa dell'uomo? In: Porta M. Il manuale dei tic. 1st Ed. B.A. Graphis Ed. 2010, April 27- 30, 2010.
- Cremonesi F, Anderson K, **Lovati AB**, Lange Consiglio A. (2010) Efficacy of Tuohy needle in oocytes collection from excised mare ovaries. In: Reproduction in domestic animals 45 (3): 83.
- **Lovati AB**, Corradetti B, Lange Consiglio A, Recordati C, Bonacina E, Bizzaro D, Cremonesi F. (2011) Comparison of equine bone marrow-, umbilical cord matrix-, and amniotic fluid- derived progenitor cells. Vet Res Commun 35 (2): 103 – 121.
- **Lovati AB**, Vianello E, Talò G, Recordati C, Bonizzi L, Galliera E, Brogginini M,

- Moretti M. (2011) Biodegradable microcarriers as cell delivery vehicle for in vivo transplantation and magnetic resonance monitoring. *Journal of Biological Regulators & Homeostatic Agents* 25 (suppl. 2): 63-74.
- **Lovati AB**, Corradetti B, Lange Consiglio A, Recordati C, Bonacina E, Bizzaro D, Cremonesi F. (2011) Characterization and differentiation of equine tendon-derived progenitor cells. *Journal of Biological Regulators & Homeostatic Agents* 25 (suppl. 2): 75 – 84.
 - **Lovati AB**, Lopa S, Talò G, Mercuri D, Segatti F, Zagra L, Moretti M. (2012) Osteointegration enhancement by human BMSCs and biofactor enriched hydrogels in Trabecular Titanium™ implants. *Journal of Tissue Engineering and Regenerative Medicine* 6 (Suppl. 1): 27.
 - **Lovati AB**, Corradetti B, Cremonesi F, Bizzaro D, Lange Consiglio A. (2012) Tenogenic differentiation effects of tendon-derived soluble factors on equine mesenchymal progenitor cells under indirect co-culture. *International Journal of Artificial Organs*, 35 (11): 996-1005.
 - **Lovati AB**, Drago L, Monti L, De Vecchi E, Previdi S, Banfi G, Romanò CL (2013) Diabetic mouse model of orthopaedic implant-related *Staphylococcus aureus* infection. *PLoS ONE*, doi 10.1371/journal.pone.0067628.
 - **Lovati AB**, Romanò CL, Monti L, Vassena C, Previdi S, Drago L (2014) DOES PGE1 VASODILATOR PREVENT ORTHOPAEDIC IMPLANT-RELATED INFECTION IN DIABETES? PRELIMINARY RESULTS IN A MOUSE MODEL. *PLoS One*. 2014 Apr 9;9(4):e94758. doi: 10.1371/journal.pone.0094758. eCollection 2014.
 - **Lovati AB**, Bongio M, Pozzi A, Recordati C, Berzero GF, Moretti M. (2014) A COMPARATIVE STUDY OF DIAGNOSTIC AND IMAGING TECHNIQUES FOR THE OSTEOARTHRITIS OF THE TRAPEZIUM. *Rheumatology (Oxford)* 54(1):96-103.
 - **Lovati AB**, Lopa S, Talò G, Previdi S, Recordati C, Mercuri D, Segatti F, Zagra L, Moretti M. (2014) In vivo evaluation of bone deposition in macroporous titanium implants loaded with mesenchymal stem cells and strontium-enriched hydrogel. *J Biomed Mat part B* 103(2):448-56.
 - de Girolamo L, Stanco D, Galliera E, Viganò M, **Lovati AB**, Marazzi MG, Romeo P, Sansone V. (2014) Soft-Focused Extracorporeal Shock Waves Increase the Expression of Tendon-Specific Markers and the Release of Anti-inflammatory Cytokines in an Adherent Culture Model of Primary Human Tendon Cells. *Ultrasound Med Biol*. 40(6): 1204-15.
 - Moretti M, Arrigoni C, **Lovati AB**, Talò G (2014). Bioinspired Cell Culture Bioreactors. In: *World Scientific Series in Nanoscience and Nanotechnology: Volumes 9, Handbook of Biomimetics and Bioinspiration Biologically-Driven Engineering of Materials, Processes, Devices, and Systems (In 3 Volumes)*, pp. 909-945. Edited by: Esmail Jabbari, Deok-Ho Kim, Luke P Lee, Amir Ghaemmaghami, Ali Khademhosseini.
 - Talò G, Turrisi C, **Lovati AB**, Moretti M (2014). Bioreactors for musculoskeletal tissue engineering. *J Sports Traumatology* 31(1): 13-22.
 - **Lovati AB** (2014) Chapter 5 “Modelli animali per lo studio di trattamenti sperimentali nel tendine”. In: Peretti GM, Canata GL, *Il tendine e il muscolo*. SIGASCOT, CIC Edizioni Internazionali, ISBN 978-88-7141-979-4.
 - Colombini A, Lopa S, Ceriani C, **Lovati AB**, Croiset SJ, Di Giancamillo A, Lombardi G, Banfi G, Moretti M. (2015) In vitro characterization and in vivo behavior of human nucleus pulposus and annulus fibrosus cells in clinical-grade fibrin and collagen-enriched fibrin gels. *Tissue Engineering Part A* 21(3-4):793-802.
 - Lopa L, Piraino F, Kemp RJ, Di Caro C, **Lovati AB**, Di Giancamillo A, Moroni L,

Peretti G, Rasponi M, Moretti M. (2015) Fabrication of multi-well chips for spheroid cultures and implantable constructs through rapid prototyping techniques. *Biotechnology & Bioengineering*, Vol.9999: 1-15.

- Bottagisio M, **Lovati AB**, Lopa S, Moretti M. (2015) Osteogenic differentiation of human and ovine bone marrow stromal cells in response to β -glycerophosphate and monosodium phosphate. *Cellular Reprogramming*. 17(4): 235-242.
 - **Lovati AB**, Colombini A, Recordati C, Ceriani C, Zagra L, Berzero G, Moretti M. (2015) Chondrogenic capability of osteoarthritic chondrocytes from the trapeziometacarpal and hip joints. *Cell and Tissue Banking*. DOI: 10.1007/s10561-015-9519-4.
 - **Lovati AB**, Bottagisio M, Moretti M. (2016) Decellularized and Engineered Tendons as Biological Substitutes: A Critical Review. *Stem Cells International* DOI:10.1155/2016/7276150
 - **Lovati AB**, Romanò CL, Bottagisio M, Monti L, De Vecchi E, Previdi S, Accetta R, Drago L. (2016) Modeling Staphylococcus epidermidis-induced non-unions: subclinical and clinical evidence in rats. *Plos One* 11(1): e0147447.
 - **Lovati AB**, Lopa S, Recordati C, Talò G, Turrisi C, Bottagisio M, Losa M, Scanziani E, Moretti M. (2016) In vivo bone formation within engineered hydroxyapatite scaffolds in a sheep model. *Calcified Tissue International* DOI: 10.1007/s00223-016-0140-8.
 - De Vecchi E, Bottagisio M, Bortolin M, Toscano M, **Lovati AB**, Drago L. (2016) Improving the bacterial recovery by using Dithiothreitol with aerobic and anaerobic broth in biofilm-related prosthetic and joint infections. *Advances in Microbiology, Infectious Diseases and Public Health*. [ahead of print]
 - Bottagisio M, Pellegata A, Boschetti F, Ferroni M, Moretti M, **Lovati AB**. (2016) A new strategy for the decellularization of large equine tendons as biocompatible tendon substitutes. *eCM* [ahead of print]
 - **Lovati AB**, Drago L, Bottagisio M, Bongio M, Ferrario M, Perego S, Sansoni V, De Vecchi E, Romanò CL. (2016) Systemic and local administration of antimicrobial and cell therapies to prevent methicillin-resistant Staphylococcus epidermidis-induced femoral nonunions in a rat model. *Mediators of Inflammation* [ahead of print]
 - Berzero G, Pozzi A, Bottagisio M, **Lovati AB**. (2016) Pyrocarbon Adaptive Proximal Scaphoid Implant (APSI) in treatment of scaphoid nonunion: an over ten-year retrospective study. *J Hand Surg* [submitted]
 - Perucca Orfei C, **Lovati AB**, Viganò M, Stanco D, Bottagisio M, Di Giancamillo A, Setti S, de Girolamo L. (2016) DOSE-RELATED AND TIME-DEPENDENT DEVELOPMENT OF COLLAGENASE-INDUCED TENDINOPATHY. *MSSE* [submitted]
 - **Lovati AB**, Bottagisio M, de Vecchi E, Gallazzi E, Drago L. (2016) Animal models of implant-related low-grade infections. A twenty-year review. *Advances in Microbiology, Infectious Diseases and Public Health*. [submitted]
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- **Lovati AB** (2005). Terapia ad onde d'urto extracorporee nelle patologie tendineo-legamentose del cavallo - In: Nuove acquisizioni in materia di ippologia. 7th Congress of Società Italiana di Ippologia (SIDI), Lodi (Italy), June 22-23 [Oral presentation]
 - **Lovati AB**, Vianello E, Talò G, Recordati C, Bonizzi L, Galliera E, Brogginini M, Moretti M. (2011) Biodegradable microcarriers as cell delivery vehicle for in vivo transplantation and magnetic resonance monitoring - World Conference on

Regenerative Medicine, Leipzig, Germany, November 2011- Regenerative Medicine, 6(S2) pag. 390 [Poster]

- Lopa S, **Lovati AB**, Talò G, Mercuri D, Segatti F, Zagra L, Moretti M (2012). Osteointegration enhancement by human BMSCs and biofactor enriched hydrogels in Trabecular Titanium™ implants - Orthopaedic Research Society (ORS), San Francisco, USA, February 2012 [Poster]
- **Lovati AB**, Lopa S, Talò G, Mercuri D, Segatti F, Zagra L, Moretti M (2012). Osteointegration enhancement by human BMSCs and biofactor enriched hydrogels in Trabecular Titanium™ implants - European Hip Society – HIP International 22 (4): p. 427 [Oral Presentation EHS2012_086, Milan, Italy, 20th September 2012]
- Mayer N, Lopa S, Talò G, **Lovati AB**, Riboldi SA, Moretti M, Mallein-Gerin F. (2013). Reconstruction of Human Articular Cartilage in Collagen Scaffolds under Bi-Directional Perfusion. TERMIS 2013 - Journal of Tissue Engineering and Regenerative Medicine [Oral Presentation TERMIS2013, Istanbul, 19th June 2013].
- **Lovati AB**, Drago L, Monti L, Romanò CL (2013). DIABETIC MOUSE MODEL OF ORTHOPAEDIC IMPLANT-RELATED INFECTION. 32 Conference European Bone and Joint Infection Society (EBJIS) [Oral presentation EBJIS, Prague, 12-14 September 2013].
- **Lovati AB**, Monti L, Drago L, Romanò CL (2013) Modello sperimentale di infezione correlata all'impianto nel topo diabetico. SIOT Congress, Genova (Italy), 26 October 2013 [Oral presentation]
- **Lovati AB**, Drago L, Monti L, Romanò CL (2013) Animal models and host-type in implant-related infections. "Biofilm-Related Infections in Orthopedic and Trauma Surgery. International Collaborative Projects Ahead, Milan, 13-14 December 2013 [Oral presentation]
- Pozzi A, **Lovati AB**, Moretti M, Previdi S, Recordati C, Berzero G. (2013) STUDIO DEL TRAPEZIO IN SOGGETTI AFFETTI DA RIZOARTROSI: ANALISI COMPARATIVA MEDIANTE TECNICHE DI IMAGING ED ISTOLOGICHE. 51° Congresso Società Italiana Chirurgia della Mano, Rimini (Italy), 3-5 October 2013, Best Paper "1st Rossoni Award" [Oral presentation]
- **Lovati AB**, Pozzi A, Bongio M, Recordati C, Berzero G, Moretti M (2014) A COMPARATIVE STUDY OF DIAGNOSTIC AND IMAGING TECHNIQUES OF THE TRAPEZIUM BONE IN RIZOARTHROSIS. OARSI Paris, 24-27 April 2014 [Poster]
- Mayer N, Lopa S, Talò G, **Lovati AB**, Riboldi SA, Moretti M, Mallein-Gerin F. (2014) The use of a bi-directional perfusion bioreactor for cartilage engineering promotes the reconstruction of hyaline cartilage. OARSI Paris, 24-27 April 2014 [Oral presentation]
- **Lovati AB**, Pozzi A, Bongio M, Recordati C, Berzero G, Moretti M (2014) A COMPARATIVE STUDY OF DIAGNOSTIC AND IMAGING TECHNIQUES OF THE TRAPEZIUM BONE IN RIZOARTHROSIS. FESSH Paris, 18-21 June 2014 [Poster]
- Colombini A, Lopa S, Ceriani C, **Lovati AB**, Di Giancamillo A, Banfi G, Moretti M (2014) Behaviour of human disc cells in collagen and fibrin-based matrix. eCM XV: Cartilage & Disc: Repair and Regeneration, Davos (CH), 16-18 June 2014 [Poster]
- **Lovati AB**, Drago L, Monti L, Romanò CL (2014) Does PGE1 vasodilator prevent orthopaedic implant-related infection in diabetes? Preliminary results in a mouse model. 22 Conference European Orthopaedic Research Society (EORS), Nantes (FR), 2-4 July 2014 [Oral presentation]
- **Lovati AB**, Lopa S, Talò G, Previdi S, Recordati C, Mercuri D, Segatti F, Moretti M, Zagra L (2014). In vivo evaluation of bone deposition in macroporous titanium implants loaded with mesenchymal stem cells and strontium-enriched hydrogel - The 27th Annual Congress of the International Society for Technology in Arthroplasty (ISTA 2014) [Oral Presentation ISTA2014, Kyoto (Japan), 24-27th

September 2014]

- **Lovati AB**, Romanò CL, Bottagisio M, Monti L, De Vecchi E, Drago L. (2015) What we can learn from animal models. Milano Biofilm Meeting, Milan (Italy), 19-21 June 2015 [Oral presentation]
- **Lovati AB**, Drago L, Monti L, Romanò CL (2015) Does PGE1 vasodilator prevent orthopaedic implant-related infection in diabetes? Preliminary results in a mouse model. Milano Biofilm Meeting, Milan (Italy), 19-21 June 2015 [Oral presentation]
- Bottagisio M, Drago L, Romanò CL, **Lovati AB** (2015) Animal models of dose-related methicillin-resistant *Staphylococcus epidermidis* infected non-union after osteosynthesis. European Cells and Materials (eCM), Davos (Switzerland), 24-26 June 2015 [Poster]
- Bottagisio M, Pellegata AF, Boschetti F, Moretti M, **Lovati AB** (2016) Tissue engineering approaches to optimize the decellularization of equine tendons as biological grafts for the replacement of damaged tissues. TERMIS, Uppsala (Sweden), 28 June – 1 July 2016 [Poster]

Press releases and web-journals

- Arianna, la nuova dottoressa alla clinica veterinaria di Raffaello Ciampoli e Arianna in palco. Italian newspaper “Il Corriere del Palio”, Siena (Italy), June 25, 2002
- Arianna in palco. Italian newspaper “Il Corriere del Palio”, Siena (Italy), June 27, 2002
- Giovani lavoratori all'estero per imparare. L'occasione della Fondazione Banca del Monte. Italian newspaper “La Provincia Pavese”, Pavia (Italy) by Davide Galli, October 21, 2006
- Lovati AB. Tendiniti e lesioni dei legamenti: come curarli - In: DotHorse, <http://dothorse.it/tendiniti-e-lesioni-dei-legamenti%3A-come-curarli>, July 31, 2008
- Lovati AB. Ulcere, tra stress e alimentazione scorretta - In: Dothorse, <http://dothorse.it/news/11596/ulcere-tra-stress-e-alimentazione-scorretta>, September 19, 2008
- Lovati AB. Le patologie del nodello - In: DotHorse, <http://dothorse.it/news/11930/le-patologie-del-nodello>, December 03, 2008
- Camici bianchi e cavalli da corsa: la carriera di Arianna – Italian newspaper “Corriere della Sera”, Milan (Italy) by Massimo Sideri, May 8, 2009
- Lovati AB. Sesamoidite: cause e cure - In: DotHorse, <http://dothorse.it/news/111071/sesamoidite-cause-e-cure>, January 14, 2009
- Lovati AB. L'osteoartrite: cause e possibili cure - In: Dothorse, <http://dothorse.it/news/111454/l%E2%80%99osteoartrite-cause-e-possibili-cure>, March 13, 2009
- Lovati AB. L'Osteocondrosi: cos'è e come si cura - In: DotHorse, <http://dothorse.it/news/112509/osteocondrosi-che-cos%C3%A8-e-come-si-cura>, June 03, 2009
- Lovati AB. La laminite - In: DotHorse, <http://dothorse.it/news/1110896/la-laminite>, October 14, 2009

Grants

- February 2006 - “Ivano Becchi Project” – Banca del Monte di Lombardia Foundation (Pavia, Italy). Scholarship grant – Euro 8.000
- February 2006 - Regione Lombardia and Finlombarda Voucher. Stem cell studies – Euro 5.000
- June 2007 - “Ingenio Project” from Regione Lombardia. Research and technological development – Euro 25.000
- November 2007 - October 2010 – University of Milan - Ph.D scholarship

- June 2011 - December 2011 - University of Milan – FIXO action 8 for Technology Transfer
- February 2014 – Italian Minister of Health – Ricerca Finalizzata Giovani Ricercatori cod GR-2011-02348899 – Euro 335.000

Teaching

- 22-23 June 2005 - Chairman at the Hippological Italian Society (SIDI) 7th Congress - University of Milan (Lodi, Italy): Shockwave Therapy in tendon and ligament horse diseases.
- 27-28 February 2006 - Chairman at the Zoo-prophylactic and zoo-technical Foundation 1st Annual Course , University of Brescia (Brescia, Italy): Stem Cell Characterization.
- 27 September 2006 - Chairman SISVET Congress – Terrasini (Sicily, Italy): Shockwave therapy in tendon and ligament diseases in horses and dogs.
- 30 November 2007 - Chairman at the Zoo-prophylactic and zoo-technical Foundation 2nd Annual Course , University of Brescia (Brescia, Italy): New therapeutic borders in veterinary medicine: cell therapy and tissue engineering.
- 16 October 2008 - Chairman at the Zoo-prophylactic and zoo-technical Foundation 3rd Annual Course, University of Brescia (Brescia, Italy): Biological stimulators for tissue repair in orthopedic: therapeutic indications.
- July 2009 – Supervisor for Diploma Thesis, University of Milan, Veterinary Medicine. Stemness properties comparison between equine bone marrow, amniotic fluid and umbilical cord derived mesenchymal stem cells.
- July 2014 - Supervisor for Diploma Thesis, University of Milan, Veterinary Biotechnology Sciences. Dynamic culture of ovine bone marrow stem cell loaded-constructs for bone tissue engineering.
- July 2016 - Supervisor for Diploma Thesis, University of Milan, Veterinary Biotechnology Sciences. Title in pending.

Personal data

In compliance with the Italian legislative Decree no. 196 dated 30/06/2003, I hereby authorize you to use and process my personal details contained in this document.

Milan, 11th June 2016

Dr Arianna B. C. Lovati

