

## **CURRICULUM VITAE ET STUDIORUM PROF. CARLO RENIERI**

- Doctor on Veterinary Medicine, University of Perugia, Italy (1980);
- Stages in the French INRA, Department of Animal Genetics, Laboratory of Factorial Genetics Dr J.J. LAUVERGNE, (1984 - 1985);
- Full Professor on Genetics and Genetics Improvement in the Veterinary Medicine School of Camerino University (from 2001);
- Head of the Department of Environmental Sciences of the University of Camerino (from 2006 to 2009)
- Head of the School of Environmental Sciences of the University of Camerino (from November 2009 to november 2011);
- Visitant Professor (from 1992) in the Escuela de Post Grado de l'Universidad Nacional de Cajamarca, Perú; "Genetic Improvement of Domestic Population";
- Professeur invité by the Faculté de Sciences et Techniques, University of Limoges, French , 2005;
- Visitant Professor (from 2015) in the Escuela de Post Grado de la Facultad de Agronomia de la Universidad Mayor de San Andres, Bolivia ;
- Vice President of COGNOSAG, International Committee on Genetic Nomenclature of Sheep and Goats;
- President of EAAP (European Association of Animal Production) Animal Fibre Working Group (from 2007 to 2014) ;
- Director of the UNICAM International Master on Agri-Food Quality ;
- President of International Consortium for Natural textile fibres “Ariane” (from 2003 to 2008);

### **INTERNATIONAL RESEARCH**

- Scientific person in charge for the UNICAM team for a European Union (UE) project " Improvement of fine fibre production of argentinian South American Camelids" (1993-1994);
- Scientific person in charge for the UNICAM team in the EU Project "Sustainable Production of Natural Resources and Management of Ecosystems (SUPREME): the Potential of South American Camelid Breeding in the Andean Region", European Community IV Framework RTD Programme, Activity 2 - Part C (INCO-DC) - DG XII contract n. ERBIC18CT960067 ; 1997-2000;
- Scientific person in charge for the UNICAM team in the EU EuropeAid/131972/C/ACT/Multi Project "Pastores andinos: tejedores de espacio economic y de la integracion alimentaria alto-andina", proposal DCI-FOOD/2013/317-979 (2015-2017);
- Scientific person in charge for the UNICAM team in the Alpaca Research Foundation (ARF) for the project “Segregation analisis and molecular characterization of black and brown phenotypes in alpaca”, 2009-2011;
- International Coordinator of the EU Project “Sustainable Development of Camelid Products and Services Market Oriented in Andean Region (DECAMA)”, INCO DEV A4:ICFP501A4PRO3, Proposal N° ICA4-2001-20016, from December 1st 2002 to May 31, 2006;
- Coordinator of the LORO PIANA S.p.A. Projects “Alashan and Mongolia Cashmere Project”, 2009-2014, and Alashan Cashmere Project, 2014-2019;

## **INTERNATIONAL CONSULTANT ACTIVITY**

- Consultant for the FAO project on Albania, 1986;
- Consultant for Italian CESAR Association in Etiopia, 1986;
- Member of FAO European Cooperative Network on Sheep and Goat Production, working group Genetic Resources, Director Dr. J.J. Lauvergne;
- Consultant for the Italian "Crocevia" ONG programm "Raza Reyna de Nicaragua", on Nicaragua, 1992;
- Editor of REGENAL (Recursos Genéticos Animales en América Latina) Program, CATIE, Turrialba, 1992 (Dr Assefaw Tewolde, Dr Roberth McDowell, Dr Jerome Baker and Dr Arnoldo Gonzales)
- Consultant for the State Bureau of Foreign Experts, Popular Republic of China, (1995);
- Evaluator of French UMR 1061 INRA Département de Génétique animale - Université de Limoges "Génétique Moléculaire animale" (2003) ;
- Organiser of the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>th</sup>, 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup> European and 7<sup>th</sup> European Symposium of South American Camelids and Fibre animals (Bonn, 1993 ; Camerino, 1995, Gottingen, 1999, Gottingen, 2004, Sevilla, 2010, Nantes 2013, Assisi, 2017).

## **NATIONAL CONSULTANT ACTIVITY (ANIMAL SELECTION)**

- President of Italian Fabrianese Sheep Breed Committee (from 1991 to 2009);
- President of Technical Committee of Italian horse breed Cavallo del Catria (ANACC, from 1997 to 2009);
- Member of Technical Committee of Italian National Shepard Association (ASSO.NA.PA., from 1991 to 2009);
- Member of Technical Committee of Italian National Dog Association (E.N.C.I., from 2001 to 2003; from 2007 to 2010; from 2011 to 2013; from 2014 to 2016);
- President of Technical Committee of Italian Alpaca Breeders Association (ITALPACA, from 2002 to 2010);
- Member of Technical Committee of Italian Ascoli Breed Pigeon Association (A.C.A.P., since 2010);
- Scientific person in charge for the Marche Regional Project "Suino della Marca (Marca pig breed) : a new breed for the extensive breeding", Marche Region, L.R. 37/99, and PABS 2009-2010;

## **INTERNATION PhD EVALUATION**

- a) Université de Paris-Sud XI, French, Sciences, "Le peuplement des animaux de ferme et l'élevage de la Chevre au Bresil avec un étude du polymorphisme visible de la Chevre du Ceara" (Thea Miriam Machado Medeiros, 1995);
- b) University of Adelaide, Sud Australia, "A genetic study of pigmentation in white sheep" (Malcom R. Fleet, 1995);
- c) Université de Limoges, French, Biologie, Sciences et Santé « Génétique de la coloration de la robe chez les bovins : contribution à l'étude du role des genes de la famille Tyrosinase » (Sylvain Guibert, 2004) ;
- d) Université de Limoges, French, Biologie, Sciences et Santé « Génétique moléculaire de la coloration. Découverte d'un allèle du gène Agouti responsable de la bringeure de la race bovine Normande » (Micael Girardot, 2005);
- e) University of Buenos Aires, Argentina, "Descripción y análisis de segregación de fenotipos de color y de tipo de vellón en llamas argentinas" (Eduardo N. Frank, 2002);

- f) Universidad de Santiago de Compostela, Spain, “Efecto de la administracion de gonadotropinas exogenas (FSH y eCG) en la respuesta ovarica y la produccion de embriones en alpacas (Vicugna pacos)” (Teodosio Huanca Mamani, 2008);
- g) Université de Limoges, French, Biologie, Sciences et Santé « Pigmentation de la peau chez le bovin : Etude du polymorphisme et de l’expression du gène PAR-2 » » (Abdul Waheed Nizamani, 2008);
- h) Université de Limoges, French, Biologie, Sciences et Santé « Coloration de la robe chez le bovin. Etude fonctionnelle de l’allèle (si) du gène SILVER/PMEL17 chez la race Charolais» (Almine Aboulaye Seybou, 2013).

## **INTERNATIONAL MASTER EVALUATION**

- a) Centre International de Hautes Etudes Agronomiques Méditerranéennes, Institut Agonomique Méditerranéen, Zaragoza, Spain, “Estudio morfologico, demografico y genetico sobre la raza ovina italiana Fabrianese” (Giorgio SIRUGO, 2000) ;

## **INTERNATIONAL SCIENTIFIC SOCIETIES**

Anthropozoologica (French),  
 Committee on Genetic Nomenclature of sheep and goats (COGNOSAG),  
 International Society of Camelid Research and Development (ISOCARD);  
 Societé d’Ethnozootecnie

## **ITALIAN SCIENTIFIC SOCIETIES**

Italian Association of Animal Production (ASPA).

## **INVITED SPEAKER**

- The Wool Euroconference, XIII Congress on the International Economic History Association (IEHA), 24-27<sup>th</sup> October 2001, Biella, Italy;
  - “Origine ed evoluzione delle razze ovine specializzate per la produzione della lana”
- III Congreso Mundial sobre Camelidos, 15–18<sup>th</sup> October 2003, Potosi, Bolivia
  - Conferencia Magistral “Selection for coat colour in alpaca (Lama pacos) and llama (Lama glama)”;
- XX Reunion Asociacion Latinoamericana de Produccion animal (ALPA) – XXX Reunion Asociacion Peruana de Produccion animal (APPA) – V<sup>o</sup> Reunion GDP, 22–25<sup>th</sup> October 2007, Cuzco, Perú;
  - “Programa de Mejoramiento génético en camelidos domésticos”
- 31<sup>o</sup> Congreso Asociacion Argentina de Produccion animal (AAPA), 15–17<sup>th</sup> October 2008, Potrero de los Funes, Argentina;
  - “Mejoramiento génético de Alpacas y Llamas”
  - “Seleccion de caracteres mendelianos: color y estructura de la capa y enfermedades hereditarias”
- XXXIII Reunion Cientifica Anual de la Asociacion Peruana de Produccion animal (APPA), 14-17 September 2010, Huancavelica;
  - “Genetic Improvement in alpaca. The PROMEGE Programme”
- Alpaca Registry Inc. (ARI) and Alpaca Research Foundation (ARF) Conference on Camelid Genetics and Reproduction, 15-18<sup>th</sup> September 2011, Huston, USA;

- “Recent Advances on Biology and Genetics of White, Black and Brown Color in Alpaca”
- VII World Congress on South American Camelids, 26–30<sup>th</sup> October 2015, Puno, Peru
  - “Recent Advances on Biology and Genetics of White, Black and Brown Color in Alpaca”