

PERSONAL CURRICULUM

Name and Surname **CARNEVALI FIORELLA**

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Nazionalità Italiana Nato a 22/03/1957

EDUCATION

anno 1977 Diploma in high school, grade 56/60

anno 1984 Degree in Veterinary Medicine vote 110/110 E LODE Thesis title Comparison of three different techniques of induction and synchronization of heats by progestogens in Sardinian goat and their efficacy in different times of the year

1984 Qualification to the profession of veterinary doctor (State Exam)

anno 1988 PhD (Research Doctor) in Obstetrics and Gynecology of Domestic Animals at the University of Studies of Perugia, Faculty of Veterinary Medicine

SIGNIFICANT TRAINING EXPERIENCES

Anno 1986 Internship of one month at the Zootechnical and Dairy Institute for Sardinia of Sassari on the collection e sheep semen packaging and Artificial Insemination techniques.

1984—1989 Voluntary scientific collaborator at the Institute of Obstetrics and Gynecology of domestic animals of the Faculty of Veterinary Medicine of the University of Perugia

1989-1990 7-month internship (CNR scholarship) at Colorado State University, Department of Physiology, Animal Reproduction and Biotechnology Laboratory, on the regulation of the secretion of pituitary gonadotropins (LH and FSH) and on the determination of the messenger RNA that codes for these gonadotropins in sheep.

1993 Intensive three-week course on "Goat Production" held by the Mediterranean Institute for Advanced Studies Agronomists (CHIEAM), Zaragoza, Spain

MAIN WORK EXPERIENCES :

Since 1990 she is a researcher at the Biotechnology Department of the ENEA (the National Agency for New Technologies, Energy and Sustainable Economic Development), Italy. Her main interest changed from reproduction technologies on domestic animals to utilisation of natural substances for control of ecto-parasites and vector control. Since 2001 an informal interdisciplinary working group has been formed called the "Neem Task Force" (NTF). This task force coordinates most of the neem related research which ranges from production (tissue culture, extraction technologies) to applications of neem derived substances in diverse sectors (agriculture, public health (vector control; ecto-parasites) and agriculture (IPM, biological farming etc...)). During the study on ecto-parasite control she has developed, as co-inventor with dr S.A. van der Esch, a wound healing remedy, patented in 2004 (WO 2006/013607) which was granted in 2007 as European Patent (EP 1773365).

Currently her research is focused on assessing the therapeutic efficacy of the medical device based on the ENEA Patent, called " 1 Primary Wound Dressing " for human medicine and "one VET" for veterinary medicine for the post- marketing observational studies. She is currently working with hospitals and specialists in detecting human data on patients whose injuries are treated with this patented topical device. Data is also collected on patients who are using conventional treatment protocols in order to collect comparable clinical data. The lesions treated and valued ranging from surgical dehiscence and all acute wounds (burns, and external trauma with injury of the skin) to chronic wounds related to vascular diseases or metabolic disorders such as diabetes. The same activity is replicated in veterinary medicine by collecting clinical data of efficacy of the ENEA patent in various animal species (small animals as cats and dogs, equine and exotic animals as turtle, birds, etc.) . The data collection is carried out at hospitals and veterinary clinics army of police and clinics run by professionals. She carries out dissemination activities at universities and scientific training (human and veterinary) and hospitals about the results of this ENEA patent

anno 1990 Winner of the national competition for expert in Reproductive Biology of pets e hired on a permanent basis as a Researcher at ENEA, the New Technology Agency, Energy and the environment from 14 May

anni 1994-1998 Participation in three projects funded by the European Union

anni 1998-2003 Study of natural substances for the management of external parasites as an alternative to conventional chemicals on high-fiber animals (angora, alpaca, marinated sheep)

anni 2003-2004 European patent invention for the treatment of external lesions for human and veterinary medicine.

anni 2005-2018 Field application of the commercial consideration deriving from the ENEA patent both for external injuries in veterinary medicine and for acute and chronic injuries in human medicine. Collaborations with public veterinary health institutions (Carabinieri Infirmaries on Horseback and Cuirassiers, Montelibretti military veterinary hospital, clinics and small animal clinics, Faculty of Veterinary Medicine of Bari, Perugia, Matelica), Veterinarians freelance professionals and farm animals and Humans (Gemelli Hospital, CTO A. Alesini Hospital, private clinics, freelance doctors)

NATIVE LANGUAGE: Italian

OTHER LANGUAGES: English, spoken level B and written level B

COMMUNICATION SKILLS

High communication skills acquired in numerous presentations both as speakers and as invited speakers at conferences, devices and seminars

ORGANIZATIONAL SKILLS

Management of research groups during the development of European projects and during research for the creation of a patent in one's own name

DIFFERENT PROFESSIONAL SKILLS OTHER THAN THOSE INDICATED

Experience in drafting international patent text and related issues

IT SKILLS

excellent command of OFFICE tools, mastery of technical tools such as Photoshop, Autocad.

Patents

anno 2004 Co-inventor of a European patent called "Natural mixture with cicatrizing, repellent and biocide for the resolution of external lesions of any extension and nature "filed in Italy in 2004, European concession No 48211BE2008.

HONORS / AWARDS

Anno 2008 Winner of the 2008 "ENEA Excellence" award for the "ALL IN ONE" Medicament deriving from MIX 557 ENEA patent

Anno 2017 Winner of the National Competition SOFIA AWARD, II Edition for social consequences, especially in emergency conditions and social unease, of the medicament of which he is co-inventor

SCIENTIFIC / DIDACTIC ACTIVITY

Anno 2010 **Co-tutor of the experimental degree thesis at the University of Bari entitled: EFFICACY OF PATENTED COMPOUND "MIX 557" IN THE REPAIR OF SKIN WOUNDS: EXPERIMENTAL STUDY ON SHEEP. Academic year 2010**

2010-2012 Villa Fulvia, Prof. Guiscardo Gabbianelli, specialist in reconstructive surgery, Rome, collaboration detection of patient data being treated with the ENEA patent medicine Anno

2013 **Co-tutor of the experimental degree thesis at La Sapienza University, Rome, Bachelor of Science level in Podiatry, entitled: Evaluation of the effectiveness of 1 Primary Wound Dressing® on lesions of the foot. Academic year 2013**

Anno 2014 **Co-tutor of the experimental degree thesis at the University of Perugia entitled ONE VET®: UNA MIXTURE OF PHYTOTHERAPY FOR THERAPY OF DOG PIODERMITES: STUDY PRELIMINARY. Academic year 2014.**

Co-tutor of the experimental degree thesis at the University of Perugia entitled: INNOVATION ON DOG INJURY TREATMENT: THE ALL-IN-ONE one VET DEVICE. PRELIMINARY STUDY. Academic year 2014.

Correlator of the Master thesis in MANAGEMENT OF SKIN WOUND CARE INJURIES at La Sapienza University, Rome, entitled: 1PRIMARY WOUND DRESSING® (1PWD) for the treatment of acute injuries. Academic year 2014

Anno 2015 **Co-tutor of the experimental degree thesis at the University of Tuscia, Viterbo, Degree course in Animal Production, entitled: Treatment of Cutaneous Myiasis with "one VET" Patent ENEA Mix 557. Year Academic 2015**

Anno 2018 **Thesis supervisor at the Faculty of Veterinary Medicine, University of BARI since Title: Treatment of keloid wounds in the horse with ONE VET, deriving from the ENEA patent, Academic year 2018**

Research collaborations with Specialists in Wound Care and Surgery of the Roman territory

anni 2013-2018 CTO Hospital "A. Alesini", Rome, Prof Palombi Maurizio, Vascular surgeon, Manager Difficult Wounds clinic, for Observational Study on patients treated with "1PWD" ENEA patent, in comparison with conventional dressings.

anno 2019 Co-tutor of the experimental degree thesis at the University of Rome Tor Vergata, Faculty of Medicine and Surgery, Degree course in Podiatry, entitled: Use of a class 2b medical device patented and registered as 1 Primary Wound Dressing for the treatment of lesions digital foot in children. Academic year 2018/2019

INVITED SPEAKER

anno 2006 Fiorella Carnevali and S. Andrew van der Esch. First veterinary results obtained with MIX 557. University of Camerino, Faculty of Veterinary Medicine, Camerino Didactic Center, 6 February 2006. anno 2008 Fiorella Carnevali (2008). Story of an encounter that became a journey in the fight against skin ulcer: Research: from the Laboratory to the Clinical Application. AIUC conference on skin ulcer: one disease from which can I recover? "Pozzallo (RG), 10-11 October 2008

anno 2010 ISS conference "From the Idea to the Market" Lesson on Advanced Medicament for the healing of Neem and Iperico "Aula Marotta, Rome, April 12, 2010;

Seminar "Innovation and Effectiveness in wound management. Results of an Italian research based on natural substances "University of Parma, Faculty of Veterinary Medicine. Parma 22 April, 2010;

Seminar "Innovation and Effectiveness in wound management. Results of an Italian research based On natural substances "University of Bari, Faculty of Veterinary Medicine. Bari 30 April 2010

Seminar "Innovation and Effectiveness in wound management. Results of an Italian research based on natural substances "University of Padua, Faculty of Veterinary Medicine. Padua 20 May, 2010

Seminar "Innovation and Effectiveness in wound management. Results of an Italian research based on natural substances "University of Perugia, Faculty of Veterinary Medicine. Perugia 5 June, 2010;

CONFERENCE "THE HORSE" drugs, treatments and current legislation, with intervention on: "Un Medical device for the resolution of wounds in the sport horse "University of Milan, Faculty of Veterinary Medicine Lodi, 7 June 2010

Fiorella Carnevali Innovation and Effectiveness in wound management. BERGAMO, SEPTEMBER 26, 2010

Anno 2011 Seminar "Innovation and Effectiveness in the management and treatment of external injuries." University of Studies of Perugia, Faculty of Veterinary Medicine. Perugia June 7, 2011

Fiorella Carnevali (2011). Innovation for the treatment of external lesions: Effectiveness in Human Medicine and Veterinary of the ENEA patent already MIX 557. Classroom A. Marino Enea Centro Ricerche Frascati Rome June 16, 2011

Fiorella Carnevali (2011). Innovation for the treatment of external lesions: Effectiveness in Human Medicine and Veterinary of the ENEA patent already MIX 557. ENEA, La Trisaia, 7 July 2011

Fiorella Carnevali (2011) From the invention to the market: Mix 557, a successful Enea case study. Seminary ILO2: Tools and strategies for exploiting research results and business creation. ENEA - Seminar room, Ed. 6, 15 July 2011

50th AIVPA Congress, with report: Innovation in external injury therapy. Bologna, 7-9 October 2011

DON GNOCCHI Rehabilitation Center for lesson on: Innovation for the treatment of injuries external: Effectiveness in Human Medicine of the ENEA patent "Rome, November 15, 2011

OFFICIAL CIRCLE National Barracks Except for Purchase. Seminar on: "Innovation in management of wounds in the horse: an Italian clinical experience - Resolution of problematic wounds (keloid) in the horse "Organized by: Veterinary Commission Regional Committee FISE - LAZIO, Rome 5 December 2011

- Anno 2013 Wound Care 2013 project: information training and continuous updating. Aula Magna Hospital CTO, Rome with report: - ONE: nature and the veterinary world come to our aid: remedy ALL IN ONE from Italian research in ENEA. Faculty of Medicine and Surgery, Tor Vergata, lesson on "INNOVATION IN TREATMENT OF ACUTE AND CHRONIC EXTERNAL INJURIES" Rome, 9 November 2013;
- anno 2014 Second level Master: Sepsis in Surgery lesson on Innovation in wound treatment, 9 May 2014; University Campus for undergraduates in Veterinary, lesson on "Innovation in wound treatment in veterinary" Centro Militare Grosseto, June 2014; Degree course in Nursing with lesson on: "Innovation in the field of Wound Care", University Tor Vergata Rome, December 19th 2014
- Anno 2015 Seminar on: ENEA RESEARCH IN THE TREATMENT OF WOUNDS OF HORSE: FOCUS: THE KELOID. DEMAS Meeting Room, ROME, January 19, 2015
Lecture on: "ENEA research in the treatment of horse wounds focus: the keloid" at Sala meetings: Sporting Club Paradiso, Verona, April 15, 2015
Lecture on: "Innovation for the treatment of external injuries: small animals" at the meeting room: Sporting Club Paradiso, Verona, April 15th 2015
Seminar at Taranto Military Hospital: lesson on "Innovation in the treatment of acute wounds and chronic ", 4 May 2015; CLINICA MADONNA DELLE GRAZIE - VELLETRI lesson on: "Innovation in treatment acute and chronic wounds ", Velletri 05 May 2015;
Lesson on: Innovation in the treatment of simple and complex wounds: ENEA research on the subject at the MILITARY HORSE RIDING CENTER - MONTELIBRETTI - ROME, 28 May 2015
Ardeatino Veterinary Hospital with lesson on: Innovation in the treatment of simple wounds and complex: ENEA research on the subject. Rome, 22 October 2015
Degree course in Nursing with lesson on: "Innovation in the field of Wound Care", University Tor Vergata Rome, 29 October 2015
Veterinary ASL ROMA H, for Lesson on: "Innovation in the treatment of external injuries", 1 December 2015
- Anno 2016 Lecture on: "Innovation in the treatment of external lesions in veterinary medicine" at the Veterinary Clinic Prenestina, Rome January 22, 2016
Master in Wound Care, lesson on "Innovation in wound treatment", La Sapienza University of Rome, May 2016
Invited speaker at the University Campus for undergraduates in Veterinary, lesson on "Innovation in veterinary wound treatment" Grosseto Military Center, June 2016;
Organizer and Speaker at the 1st ENEA Day for Health the MIX 557 Enea patent. Conference from title: Innovation for wound treatment for both human and veterinary use: From MIX 557 to IPWD history and state of the art of the patent, at ENEA, via Thaon de Revel, 75, 11 October 2016.
Degree course in Nursing with lesson on: "Innovation in the field of Wound Care", University Tor Vergata Rome, 29 November 2016
- anno 2017 Conference organized by the Cardarelli Hospital of Naples: "Infections in the Politraumatizzato: Dalla ENEA researches a paradigm shift "with the presentation: History and state of the art of the ENEA patent: a technological innovation of the 3rd millennium, March 2017;
Rovereto Hospital to the structure 's health workers, entitled "Innovation in the treatment of Acute and Chronic external injuries", Rovereto, April 26, 2017
- anno 2018 Hospice Villa Speranza to the health workers of the structure, entitled "Innovation in the treatment of Acute and Chronic external lesions. Rome January 29, 2018;
Invited speaker at the 1st level University Master's Degree in "Enterostomal Therapy" Aa 2017- 2018 at the Faculty of Medicine and Dentistry - University of Rome Sapienza, Director Prof. Filippo La Torre for the presentation entitled: ENEA research relating to the Patent Mix557.
Invited speaker to the Master in Wound Care, Director dr. M.Cavallini La Sapienza University, Rome with lesson on: Natural Dressings: ENEA Research, 19/10/2018.
Invited Speaker at the Conference THE "DIFFICULT INJURIES" OF THE LOWER LIMBS: CURRENT THERAPEUTIC
- Anno 2020 Invited Speaker at the course "Skin lesions and advanced dressings" lesson entitled: Avoiding the most common therapeutic errors, facilitate the healing process prevent secondary dressings from adhering to the injured tissues: From an Italian Research an effective innovation for Wound Care. Catanzaro, Ospedale Pugliese, 24 gennaio

Fiorella Carnevali



PUBLICATIONS LIST

Carnevali F. Tesi di laurea sperimentale in Medicina Veterinaria: "Confronto di tre diverse tecniche di induzione e sincronizzazione

dei calori mediante progestinici nella capra sarda e loro efficacia in diversi periodi dell'anno", 1984.

Degl'Innocenti S., Pollidori P., Chiacchierini P. e **Carnevali F.** Contributo alla diagnosi di gravidanza delle pecore (progesterone mia, ecografia, effetto Doppler). ATTI SOC. IT. SCI VET. 1986, 40, 415-419.

Pollidori P., Degl'Innocenti S., **Carnevali F.** e Castellini C. Fertilità e prolificità nella pecora Appenninica a seguito di calori indotti con diverse sostanze ormonali. ATTI SOC. IT. SCI. VET., 1986, 40, 419-422.

Degl'Innocenti S., **Carnevali F.**, Polisca A. e Sargenti M. Comparazione tra tre diversi metodi di induzione e sincronizzazione dei calori nella pecora Sarda. Il Vergaro, 1986, 5 21-24.

Carnevali F., Debenedetti A. e Lucaroni A. Diagnosi di gravidanza nella capra: indagine ecografica e dosaggi ormonali. Selezione Veterinaria, 1987, 28 n. 10 bis, 1587-1596.

Debenedetti A., Malfatti A. e **Carnevali F.** Sincronizzazione dei calori in periodo anestrato e anomalie della gestazione nella capra. ATTI SOC. IT SCI. VET., 1987, 41 parte I, 280-283.

Degl'Innocenti S., **Carnevali F.**, Polisca A., Canali C. e Castiglione L. Monitoraggio endocrino e laparotomico dell'ovulazione in pecore sottoposte a trattamento ormonale. ATTI SOC. IT. SCI. VET., 41 parte I, 474-477.

Degl'Innocenti S., Pollidori P., **Carnevali F.** e Polisca A. La diagnosi di gravidanza nelle pecore. Inform. Zootecnico 1988, 5, 80-83.

Debenedetti A., **Carnevali F.**, Fabi A., Malfatti A. e Lucaroni A. Anomalie precoci della gestazione e pseudogravidanza nella capra. Comunicazione all'8° Congresso della Società Italiana Patologia e Allevamento Ovini e Caprini, 1988, Viterbo, 13-14-15 ottobre.

Carnevali F. e Degl'Innocenti S. Osservazioni sulla induzione e sincronizzazione dei calori della pecora Appenninica. Atti 8° Congresso SIPAOC, 1988, 8, 77.

Debenedetti A., Moretti A. e **Carnevali F.** Evoluzione del titolo anticorpale ed alterazioni riproduttive in capre sieropositive per *Toxoplasma gondii*. ATTI SOC. IT. SCI. VET., 1989, 43, 1445-1449.

Carnevali F. Tesi sperimentale di Dottorato di Ricerca in Ostetricia e Ginecologia Degli animali domestici intitolata "Manipolazione dell'attività sessuale nella pecora Appenninica". Biblioteca Nazionale di Firenze 1989.

Degl'Innocenti S., Polisca A. e **Carnevali F.** Diagnosi precoce di gravidanza nella scrofa: comparazione tra ecografia e Doppler ostetrico. ATTI SOC. IT. SCI. VET. 1990, 44, 561-565.

Nett T. M., Flores J. A., **Carnevali F.** and Kile J. P. 1990. Evidence for a direct effect of estradiol at the level of the pituitary gland in sheep. *Biology of Reproduction*, 43, 554-558.

Carnevali F., Kile J. P. e Terry T. M. 1990. Effect of frequency of GnRH administration on amounts of mRNA for the subunits of FSH and LH in the ovine anterior pituitary. Submitted to *Acta Endocrinologica*.

Kile J. P., **Carnevali F.** and Terry T. M., Nett 1992 Restoration of pituitary content of luteinizing hormone (LH) and folliclestimulating hormone (FSH) after chronic exposure to estradiol requires different pulse frequencies of gonadotrophin-releasing hormone (GnRH) stimulation. *Biol. Reprod.* 46(Suppl 1): 159 (436).

Antonini M., **Carnevali F.**, Castrignanò F., Stella E. e Misiti S. Prime esperienze sull'allevamento della capra d'Angora in Italia. *Italia Agricola*, 1991, 101-21-28 Luglio 29-30, pp 25-28;

Misiti S., Antonini M., **Carnevali F.**, Castrignanò F. e Stella E. Angora Goats Breeding in Italy. Proceeding of the joint EAAPCIHEAM EC-CUZF-MAFRA Symposium Adana, Turkey 1991, pp254-256.

Carnevali F., Antonini M., Castrignanò F. e Misiti S. Effetto dell'inversione del fotoperiodo sull'attività riproduttiva della capra d'Angora. 4° Meeting Nazionale "Studio della efficienza riproduttiva degli animali di interesse zootecnico", Bergamo 10 aprile 1992, pp 91-95.

Carnevali F. Il comportamento della capra d'Angora. *Agric. e Innov., NotIZ.* ENEA e Renagri Aprile-Giugno 1992, 63-66.

Carnevali F., Cugusi M., Ghinassi P., Nocentini A., Tondi L. e Misiti S. Inseminazione Endoscopica nella pecora appenninica durante la stagione sessuale: confronto tra seme congelato e seme risospeso in mestruo fresco dopo lo scongelamento. 5° Meeting Nazionale "Studio della efficienza riproduttiva degli animali di interesse zootecnico", Bergamo 30 Aprile 1993, pp147-151.

Carnevali F., Cugusi M., Ghinassi P., Nocentini A., Tondi L. e Misiti S. Intrauterine insemination in Appenninic ewe during anoestrus period: comparison between frozen semen and frozen-thawed semen re-suspended in fresh diluent without glycerol. 23° ESNA Annual Meeting, Halle (Germany), 1993, 63 (abstract).

Carnevali F., Cappai P., Ghinassi P., Cugusi M., Nocentini A. e Misiti S. Inseminazione artificiale per via endoscopica con seme congelato nella pecora Sarda: Fertilità e Prolificabilità ottenuta con due tipi di seme. 6° Meeting Nazionale "Studio della efficienza riproduttiva degli animali di interesse zootecnico", Bergamo 29 aprile 1994, pp 93-97.

Carnevali F., Castrignanò F., Capozzoni A. e Misiti S. Osservazioni sull'effetto Maschio nella capra d'Angora. IX Congresso Nazionale SIPAOC, Perugia 1-4 giugno 1994.

Antonini M., **Carnevali F.**, Castrignanò F., Misiti S. e Pieramati C. Angora Goat Production in Italy. *European Fine Fibres Network (E.F.F.N.)*. 1994, 1, 61-72.

Carnevali F., Cappai P., Cugusi M. e Nocentini A. e Misiti S., 1996. Concentrazione spermatica e fertilità del seme ovino congelato utilizzato nell'inseminazione intrauterina. 8° Meeting Nazionale "Studio della efficienza riproduttiva degli animali di interesse zootecnico", Bergamo, 10 maggio 1996.

Diverio S., **Carnevali F.**, Nocentini A., Misiti S. e Beghelli V. 1996. Valutazione della risposta allo stress indotto dalla applicazione della inseminazione endouterina nella pecora mediante dosaggio del cortisolo plasmatico. 8° Meeting Nazionale "Studio della efficienza riproduttiva degli animali di interesse zootecnico", Bergamo, 10 maggio 1996.

Carnevali F., Branca A., Misiti S. e Diverio S. 1996. Inseminazione artificiale per via cervicale nella capra Cashmere. XII Congresso Nazionale SIPAOC. Varese 22-25 ottobre (sottoposto a refery).

Carnevali F. 1998. Sincronizzazione degli estri ed inseminazione strumentale. Relazione al Convegno: Stato dell'arte nelle tecnologie ovi-caprine. Siena 6-7 marzo.

Carnevali F., Piscitelli M., Diverio S., Branca A. 1998. Osservazioni sul comportamento del seme di becchi di razza cashmere scongelato e sottoposto a differenti metodiche di preparazione per la fertilizzazione in vitro. 10° Meeting Nazionale "Studio della efficienza riproduttiva degli animali di interesse zootecnico", Bergamo, 12 giugno.

A. Habluetzel, M. Antonini, S A. van der Esch, A. D'Andrea, S. Mariani, A. Aliboni and **F. Carnevali**. 2002 Impact of Neem extracts on *Damalimia limbata* densities of Angora goats". *Neem World Conference*, Mumbai, 27-30 novembre.

A. Habluetzel, M. Antonini, S A. van der Esch, A. D'Andrea, S. Mariani, A. Aliboni and **F. Carnevali**. 2002 Utilizzo dei derivati del Neem per il controllo dell'infestazione da *Damalimia limbata* in capre Angora; XV conv. naz. SIPAOC , 11/14 settembre, pag 105.

M.P. Tampieri, R. Galoppi, C. Botoli e **F. Carnevali**. 2002 *Azadirachta indica* (NEEM) prove in vitro su uova e larve di strongili gastrointestinali di ovini.; XV convegno nazionale SIPAOC, 11/14 settembre, pag 99.

M.P. Tampieri, R. Galoppi, C. Botoli e **F. Carnevali**. 2002 Attività in vitro di Neem (*Azadirachta indica*, A Juss) su adulti di strongili gastrointestinali di ovini. XV convegno nazionale SIPAOC , 11/14 settembre, pag 100.

Carnevali F., Pistidda E. and van der Esch S. A. 2003. Anti-fertility effect of a Neem (*Azadirachta indica*, A. Juss) derived product for limiting reproductive performance in pigeons (*Columba livia*): an environmentally friendly tool for pest management. 4th European Vertebrate Pest Management Conference, Parma, 9-12 settembre, pagg 28-29.

Carnevali F., van der Esch A. e Principato M. 2004 Effetto biocida e repellente di derivati del Neem (*Azadirachta indica*) su alcuni ditteri miasigeni degli ovini: XVI convegno nazionale SIPAOC, 29/9 – 2/10, pag 143.

van der Esch S.A, **Carnevali F.** and Amici A. 2004. Effect of Neem derived Products on Gastrointestinal Nematodes *in vitro* and *in vivo* in Sheep. Neem Co Conferences, Wetzlar, Germany 16-18 novembre.

Carnevali F. & van der Esch S.A.. Use of Neem in Wound Healing. Neem Co Conferences, Wetzlar, Germany 16-18/12/ 2004.

van der Esch S. A., **Carnevali F.** and Principato M. 2004. Effect of NeemAzal and Neem oil on the development of the blowfly (*Calliphora erythrocephala*). Neem Co Conferences, Wetzlar, Germany 16-18 novembre.

van der Esch S. A., **Carnevali F.**, 2006. High added value applications of Neem (*Azadirachta indica* A. Juss) derived. proceeding of the 2006 International Neem Conference KUNMING, CHINA.

Habluetzel, A, **Carnevali F.**, Lucantoni, L., Grana L., Attili A.R., Archilei F., Antonini M., Valbonesi A., Abbadessa V., Esposito F., van der Esch S.A.. 2007. Impact of the botanical insecticide Neem Azal1 on survival and reproduction of the biting louse *Damalinia limbata* on angora goats. *Veterinary Parasitology* 144, 328–337.

Isacchi B. ., Bergonzi M.C, **Carnevali F.**, van der Esch S.A., Vincieri F.F., Bilia A.R.. 2007 Analysis and stability of the constituents of St. John's wort oils prepared with different methods. *Journal of Pharmaceutical and Biomedical Analysis*, 45, 756-761.

van der Esch S. A., **Carnevali F.**, Cristofaro M.. 2007 Mix 557: A topical Remedy with repellent, biocidal and healing Properties for treating Myiasis both in Mammal as in Human. EWMA Glasgow 02-04/05.

Carnevali F., Castrignanò F., van der Esch S. A.. 2007. Early appearance Sacral Pressure Ulcer in Elderly Patient treated with Innovative Topical Remedy Mix 557 having Healing Properties: A Case Report. EWMA Glasgow 02-04/05.

Carnevali F., Lazzarini P., van der Esch S. A.. 2007. Chronic Pressure Ulcer in Elderly Patient treated with innovative Topical Remedy Mix 557 having healing Properties: A Case Report. EWMA Glasgow 02-04/05.

van der Esch S.A., **Carnevali F.** 2007. Controllo delle pediculosi con estratti derivati dall'albero del Neem. XIX Salone Internazionale del Naturale, Alimentazione, Salute e Ambiente (SANA): Evento - Zootecnia e Piante Officinali, Bologna, 14/09.

Carnevali F., van der Esch S.A.. 2007. Gestione delle ferite e controllo delle Miasi con estratti naturali per la zootecnia biologica. XIX Salone Internazionale del Naturale, Alimentazione, Salute e Ambiente (SANA): Evento - Zootecnia e Piante Officinali, Bologna, 14/09.

Afenio A., Arona D.E., van der Esch S.A., **Carnevali F.**, Cristofaro M.. 2007 .Repellent and biocidal effects of Neem (*Azadirachta indica* (A. Juss)) derived products towards the myiasigenic blowfly (*Calliphora vicina*). World Neem Conference, Coimbatore (India) 21-24/11.

Carnevali F.. 2007. Healing remedy based on both Neem (*Azadirachta indica*, (A.Juss)) and St. John's Wort (*Hypericum perforatum*, L.) for treating infected and/or complicated wounds. World Neem Conference, Coimbatore (India) 21-24/11.

Carnevali F. van der Esch S.A.. 2009 Gestione delle ferite e controllo delle Miasi con sostanze naturali in veterinaria . XXI Salone Internazionale del Naturale, Alimentazione, Salute e Ambiente (SANA): Evento – L'importanza delle piante medicinali in zootecnia: mercato, prospettive, nuove applicazioni, Bologna, 10-13settembre.

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