

## CINDY MAENHOUDT

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### **EDUCATION**

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- 2001-2004     **Doctor of Veterinary Medicine (DVM)** with honors (cum laude),  
University of Liege, Faculty of Veterinary Medicine, Liege, Belgium
- 1998-2001     Candidate (bachelor) of Veterinary Medicine with honors (magna cum laude),  
Catholic University of Louvain, Faculty of Science, Louvain-la-Neuve, Belgium

### **PROFESSIONAL AND RELATED EXPERIENCE**

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- Sep 2011- *present*     « *Ecole Nationale Vétérinaire d'Alfort* », *Maisons-Alfort, Paris, France*
- Clinician in Small animal reproduction. Breeding and reproductive pathologies.
  - Head of the CERCA, Centre d'Etudes en Reproduction des carnivores (Sept 2013)
- Sep 2010- Dec 2011     « *Ecole Nationale Vétérinaire d'Alfort* », *Maisons-Alfort, France*
- Residency in small animal reproduction
- Jul 2008-Sep 2010     « *New Bolton Center* », *University of Pennsylvania, Kennett Square, PA, USA.*
- Large animal Theriogenology Residency
    - Calving Externship, The Clay Centre, Clay Centre, NE, USA
    - Neonatal Intensive Care Unit, University of Pennsylvania, Kennett Square, PA, USA
    - Small animal reproduction, Guelph University, Guelph, ON, Canada

### **NATIONAL AND INTERNATIONAL PRESENTATIONS**

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- Nantes, France, Nov 2017, AFVAC (association Française des Vétérinaires pour Animaux de Compagnie) – « Dater une gestation à 1 jour près et diagnostiquer un prématuré », « Les examens biologiques du quotidien en reproduction » and a workshop on « Cas cliniques : infertilité chez la chienne et la chatte » and « Lire un frottis vaginal chez une femelle : chienne et chatte ».
- Vienna, Austria, June 2017, EVSSAR (European Veterinary Society For Small Animal Reproduction) – Manipulation of the sexual cycle
- Maisons-Alfort, France, June 2016, ISCFR (International Symposium on Canine and Feline Reproduction)/ EVSSAR – organization and lecture at the workshops.
- Maisons-Alfort, France, June 2016, ISCFR/EVSSAR pre congress days – Canine herpesvirus and implant in prepuberal bitches
- Lyon, France, Nov 2015 AFVAC – « septum vaginal », « Stérilisation de la chienne » and « conséquences de la stérilisation »
- Wroclaw, Poland, Sept 2013 - Use of aglepristone in dogs and cats for vets,
- Toulouse, France, July 2013, EVSSAR - Suppression of fertility in adult dogs
- Martinique, June 2013 - Small animal reproduction course
- Paris, France, Dec 2012 AFVAC - « GnRH et maîtrise de la reproduction » et « avortements et mortinatalité » for cat breeders.
- Kennett Square, PA, USA, Sept, 2009 - Equine Reproduction Symposium (University of Pennsylvania) - *Recent Intersex cases.*
- Kennett Square, PA, USA, Sept, 2009 - Stallion handling course (University of Pennsylvania) *Washing the stallion's penis.*

### **PROFESSIONAL MEMBERSHIPS**

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- Member of board of the study group of reproduction (GERES) of the AFVAC (2018)
- Member AFVAC (2016)
- Member European Veterinary Society for Small Animal Reproduction (EVSSAR) (2016)
- **Diplomate of the European College of Animal Reproduction (2011)**

- **Diplomate of the American College of Theriogenologists (2010)**
- Society for Theriogenology (2009)
- Certified by the Belgian Government for official work concerning Animal Disease Prevention (Oct 2004).
- Member of the Belgian Board of Veterinarians (Aug 2004)

## ***PUBLICATIONS***

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**Maenhoudt C**, Santos NR, Fontbonne A. Manipulation of the oestrous cycle of the bitch – what works... for now. *Reprod Domest Anim.* 2018 Nov;53 Suppl 3:44-52. doi: 10.1111/rda.13364.

Roos J, **Maenhoudt C**, Zilberstein L, Mir F, Borges P, Furthner E, Niewiadomska Z, Nudelmann N, Fontbonne A. Neonatal puppy survival after planned caesarean section in the bitch using aglepristone as a primer: A retrospective study on 74 cases. *Reprod Domest Anim.* 2018 Nov;53 Suppl 3:85-95. doi: 10.1111/rda.13353.

Furthner E, Pasquet I, Niewiadomska Z, Fontbonne A, **Maenhoudt C**. (2018). Ulcerative fibroadenomatous hyperplasia in pregnant queens: Two medically managed cases. *Veterinary Record Case Reports.* 6. e000623. 10.1136/vetreccr-2018-000623.

Bricout-Neveu E, Pechberty S, Reynaud K, **Maenhoudt C**, José Lecomte M, Ravassard P, Czernichow P. Development of the Endocrine Pancreas in the Beagle Dog: From Fetal to Adult Life. *Anat Rec (Hoboken).* 2017 Mar 14. [Epub ahead of print]

Borges P, Fontaine E, **Maenhoudt C**, Payan-Carreira R, Santos N, Leblond E, Fontaine C, Fontbonne A. Fertility in Adult Bitches Previously Treated with a 4.7 mg Subcutaneous Deslorelin Implant. *Reprod Domest Anim.* 2015 Dec;50(6):965-71

**C Maenhoudt**, NR Santos and A Fontbonne. Suppression of fertility in adult dogs. *Reprod Dom Anim* 2014 Jun;49 Suppl 2:58-63

Vallefuoco R, Alleaume C, Jardel N, **Maenhoudt C**, Cordonnier N. Type II atresia ani associated with rectovaginal fistula in a male pseudohermaphrodite kitten. *Can Vet J.* 2013 May;54(5):475-8.

**C Maenhoudt**, NR Santos, E Fontaine, F Mir, K Reynaud, C Navarro and A Fontbonne. Results of GnRH Agonist Implants in Oestrous Induction and Oestrous Suppression in Bitches and Queens. *Reprod Dom Anim* 47 (Suppl. 6), 393–397 (2012).

D.K. Vanderwall, M.E. Agnew, M.R. Schnobrich, **C. Maenhoudt**, S.M. McDonnell. Effect of administration of oxytocin during diestrus on the duration of corpus luteum function and estrus behavior in cycling mares. *Clinical Theriogenology*, Vol4, Number3, Sept 2012, p400

Santos N.R., **Maenhoudt C.**, Borges P., Mir F., Decrouy D., Fontbonne A. Evaluation of a commercially available luteinizing hormone test to determine the breeding time in the bitch. Abstract presented at the ISCFR 2012 - EVSSAR 2012 conference in Whistler, [www.avis.org/proceedings/iscfr/2012/143.pdf](http://www.avis.org/proceedings/iscfr/2012/143.pdf)

Fontaine E., **Maenhoudt C.**, Mir F, Navarro C., Fontbonne A. Postponement of puberty using GnRH agonists implants in bitches of different breeds. Abstract presented at the ISCFR 2012 - EVSSAR 2012 conference in Whistler. [www.avis.org/proceedings/iscfr/2012/49.pdf](http://www.avis.org/proceedings/iscfr/2012/49.pdf)

M. G. Knobbe, **C. Maenhoudt**, R.M. Turner and S. M. McDonnell. Physical, behavioral, endocrinologic, and cytogenetic evaluation of two Standardbred racehorses competing as mares with an intersex condition and high post-race serum testosterone concentrations. *J. Am. Vet. Med. Assoc.*, Vol. 238, No. 6, March 15, 2011

D.K. Vanderwall, C. Baumann, M. Viveiros, P.L. Sertich, A.A. Kelleman, **C. Maenhoudt**, C.C. Jacobson, R. De La Fuente. Characterizing the meiotic spindle configuration and chromosome complement of in vivo matured equine oocytes. *Animal Reproduction Science.* Vol 121, Issues 1-2. Supplement 1, 2010, Pages 234-236. 10<sup>th</sup> International Symposium of Equine Reproduction July 26-30, 2010, Lexington, KY