

PERSONAL

Born in 1969 in Germany
Nationality French
Languages German, French, English, Italian
Address University of Vienna,
Department of Behavioural Biology (UZA 1, Zi. 2.052)
Althanstr.14, 1090 Vienna
Tel. +43 -1-4277-54432
Email: virginie.canoine@univie.ac.at

DEGREES

2001 Dr.rer.nat. (Ph.D. in Biology), *magna cum laude*, Ludwig-Maximilian University, LMU, Munich, Germany.
1995 Diplom-Biologe (MSc in Biology), *magna cum laude*, Ludwig-Maximilian University, LMU, Munich, Germany. Specialisation in neurophysiology, pharma-toxicology, zoology and ecology.

EDUCATION

1996- 2001 Ph.D. thesis work: "Hormonal control mechanism of territorial aggression in the stonechat (*Saxicola torquata*) and endocrine adaptations to environmental changes." Supervisor: Prof. E. Gwinner, Max-Planck-Institute for Behavioural Physiology, Andechs, Germany.
1995 Master dissertation work: "Sex differences in the regulation of the hypothalamo-pituitary-adrenal-axis in rats: Interaction with gonadal hormones." Advisor: Dr. O.F.X. Almeida, Max-Planck Institute for Psychiatry, Munich, Germany.
1992- 1995 Study of Biology, Ludwig-Maximilian University, Munich, Germany.
1989- 1992 Study of Biology, Karl-Eberhard University, Tübingen, Germany.

WORK EXPERIENCE

2014-present Senior Scientist at the Department of behavioural Biology, University of Vienna, Austria
2010-2014 Laboratory Manager & Research Assistant of the Animal Endocrinology Laboratory at the University of Ferrara, Italy (Prof. L. Fusani)
7/2009-7/2010 Fellowship by "Technology Transfer Spinner 2013", Regione Emilia-Romagna, Italy

8/2008-7/2009	Maternal leave, 2 nd child
9/2007-6/2008	Laboratory Manager & Research Assistant in the group of Prof. L. Fusani at the University of Siena, Italy.
9/2006-8/2007	Maternal leave, 1 st child
2005-2007	Fellowship of the Deutsche Forschungsgemeinschaft (DFG) (Principal Investigator), Max-Planck-Institute for Ornithology, Andechs, Germany.
2004-2005	Associate researcher at the Max-Planck-Institute for Ornithology, Andechs, Germany.
2001-2003	Postdoctoral Research Associate, Princeton University, USA (Prof. M. Hau) and University of California, Los Angeles (UCLA; Prof. B. Schlinger), USA.
2001-2003	Visiting scientist at the Smithsonian Tropical Research Institute, Republic of Panama.
1996-2000	Visiting scientist at the Jacob Blaustein Institute for Desert Research in Sde Boker, Ben-Gurion University, Beer Sheva, Israel. Host: Prof. Berry Pinshow.

GRANTS:

2009-2010	Fellowship Technology Transfer, Spinner, Region Emilia Romagna, Italy.
2005-2007	Research Grant of the Deutsche Forschungsgemeinschaft, DFG (Principal Investigator, Germany).
2005-2007	Individual Research fellowship of the Deutsche Forschungsgemeinschaft, DFG (Principal Investigator, Germany).
1999	Travel grant of the Society for Behavioral Neuroendocrinology (SBN).

POPULARISATION OF MY RESEARCH

1. Beck, C. „Schwarzkehlchen Im Dummy-test“ Max-Planck Forschung, 3/2002, p.50-53.
2. “Migration” Bayerischer Rundfunk. Broadcast in 2002.

PEER- REVIEWS FOR INTERNATIONAL JOURNALS

- Hormones and Behaviour
- Behaviour
- Ethology
- Journal of Ornithology
- General Comparative Endocrinology
- Plos ONE

PUBLICATIONS

- Almeida, O. F. X., **Canoine, V.**, Ali, S., Holsboer, F. and Patchev, V.K. (1997). Activational Effects of Gonadal Steroids on Hypothalamo-Pituitary- Adrenal Regulation in the Rat Disclosed by Response to Dexamethasone Suppression. *Journal of Neuroendocrinology* 9:129-134.
- Raess M., Rödl, T., **Canoine, V.** and Van't Hof, T. (1998). Is singing in wintering common stonechats (*Saxicola torquata*) associated with territory density? In: Adams, N.J. and R.H. Slotow (eds). Proc. XXII Int. Ornithol. Congr., Durban. Ostrich 69: 265.
- Canoine V.**, Van't Hof, T., Gwinner E. (2000). Stress-response in stonechats (*Saxicola torquata*): Differences between the sexes and seasons. Joint meeting of the VIth International conference on Hormones, Brain and Behavior & Society for Behavioral Neuroendocrinology. Trabajos del Instituto Cajal, 77: 159.
- Canoine, V.** and Gwinner, E. (2002). Seasonal differences in the hormonal control of territorial aggression in free living European Stonechats. *Hormones and Behavior* 41:1-8.
- Canoine, V.**, Hayden T. J., Rowe, K. and Goymann, W. (2002). The maximal stress response of European stonechats depends on the type of stressor. *Behaviour* 139: 1303-1312.
- Canoine, V.** and Gwinner, E. (2002). Seasonality in androgenic control of aggressive behavior in captive European Stonechats (*Saxicola torquata*). *Hormones and Behavior* 41: 446.
- Fusani, L., Schultz, J.D., **Canoine, V.**, Donaldson, Z., Reineman, D.R., Schlinger, B.A. (2002). Androgen control of a complex avian courtship behavior. Program No. 781.4. 2002 Abstract Viewer/Itinerary Planner. Washington, DC: Society for Neuroscience. CD-ROM.
- Canoine, V.** and Gwinner, E. (2005). Male partner induces a hormonal change in female European stonechat following a simulated male intrusion. *Hormones and Behavior* 47: 563-568.
- Fusani L., **Canoine V.**, Goymann W., Wikelski M. and Hau M. (2005). Difficulties and special issues associated with field research in behavioral neuroendocrinology. *Hormones and Behavior* 48:484-491.
- Corrieri, L., **Canoine, V.**, Della Seta, D. & Fusani, L. (2005). Environmental-like treatment with a pure oestrogen affects Morris Water Maze (MWM) performance in male rats. *Trab Inst Cajal*, 80, 230.
- Fusani, L., **Canoine, V.**, Della Seta, D. & Corrieri, L. (2005). Environmental-like exposure to estrogen during development affects Morris Water Maze performance in male rats. Program No. 879.9. In: 2005 Abstract Viewer/Itinerary Planner: Washington, DC: Society for Neuroscience.
- Mettke-Hofmann, C., Rowe, K. C., Hayden, T. J. and **Canoine, V.** (2006). Effects of experience and object complexity on exploration in garden warblers (*Sylvia borin*). *Journal of Zoology* 268(4): 405-413.
- Canoine, V.**, Fusani, L., Schlinger, B.A. and Hau, M. (2007). Expression of androgen receptor, estrogen receptor, and aromatase in the brain of a tropical bird, the Spotted Antbird in relation to aggressive behavior and seasons. *Journal of Neurobiology* 67: 57-67.

- Corrieri, L., Della Seta, D., **Canoine, V.** & Fusani, L. (2007). Developmental exposure to xenoestrogen enhances spatial learning in male rats. *Hormones and Behavior*, 51, 620-625.
- Fusani, L., Day, L., **Canoine, V.**, Reinemann, D., Hernandez, E. & Schlinger, B. (2007) Androgen and the elaborate courtship behavior of a tropical lekking bird. *Hormones and Behavior*, 51: 62-68.
- Marasco, V., Fusani, L., Dessi-Fulgheri, F. & **Canoine, V.** (2011) Non-migratory stonechats show seasonal changes in the hormonal regulation of non-seasonal territorial aggression. *Hormones and Behavior*, 60: (4) 414-419.
- Rubolini, D., Fusani, L., Bonisoli-Alquati, A., **Canoine, V.**, Caprioli, M., Romano, M., Ambrosini, R., Dessi-Fulgheri, F. & Saino, N. (2014). Effects of Egg and Circulating Testosterone on Ring-Necked Pheasant (*Phasianus colchicus*) Male Traits and Combat Outcome. *Ethology*, 120(1) 64-76.
- Soldatini, C., Albores-Barajas, Y. V., Tagliavia, M., Massa, B., Fusani, L., & **Canoine, V.** (2015). Effects of human disturbance on cave-nesting seabirds: the case of the storm petrel. *Conservation Physiology*, 3(1). doi: 10.1093/conphys/cov041