

CURRICULUM VITAE

Etat civil :

- CHEMINEAU Philippe
- Né en 1952

Situation à l'Académie :

- Elu correspondant en 2022
- Section 3 (Elevage)
- Groupe de travail : encore indéterminé
- Fonction exercée : aucune

Titre : Directeur de Recherches Emérite INRAE de Classe Exceptionnelle

Situation actuelle : Chercheur émérite INRAE

Coordonnées :

- Professionnelles : UMR-PRC INRAE 37380 Nouzilly
- Adresse principale : 14 rue du commerce 37210 Vouvray
- Région de rattachement : Centre-Val de Loire
- Numéro portable : 06 87 71 00 79
- Adresse e.mel personnelle : PhilippeChemineau@yahoo.fr
- Adresse e.mel professionnelle : Philippe.Chemineau@inrae.fr

Formations :

- Ingénieur Agronome ENSAT 1976
- Docteur Univ Sci Techn Languedoc 1986
- HDR Univ Tours 1998

Carrière (principaux postes occupés) :

- Ingénieur de Recherches INRA (1977-1998)
- Directeur de Recherches INRAE (1998-2018)

- Directeur Equipe Neuroendocrinologie Sexuelle (1993-2000, Tours-Nouzilly)
- Directeur UMR Physiologie Reproduction et Comportements (1996-2000, Tours-Nouzilly)
- Chef Département INRAE Physiologie Animale et Systèmes d'Elevage- PHASE (2001-2009, National)

- Membre du Collège de Direction INRAE (2010-2018, Paris)
- Délégué à l'Expertise scientifique collective, à la Prospective et aux Etudes d'INRAE (2010-2013, Paris)
- Directeur de l'Action Régionale, de l'Enseignement Supérieur et de l'Europe d'INRAE (2013-2018, Paris)

Domaines d'expertise :

- Biologie de la reproduction animale

- Productions animales
- Expertise et prospective

Mots clés : Reproduction, ovins, caprins, expertise, prospective

Fonctions actuelles et récentes :

- Président de la World Association for Animal Production (WAAP) jusqu'en 2023.
- Past-Président de la Fédération Européenne de Zootechnie (EAAP) de 2012 à 2016

Publications récentes :

Ci-dessous les 10 plus récentes parmi 195 publications scientifiques.

Le h-index sur toute la carrière est de 39.

- (1) BARRIERE DA, ELLA A, ADRIAENSEN, H, ROSELLI CE, **CHEMINEAU P**, KELLER M 2019. In vivo magnetic resonance imaging reveals the effect of gonadal hormones on morphological and functional brain sexual dimorphisms in adult sheep. *Psychoneuroendocrinology* 109, art. 104387. DOI 10.1016/j.psyneuen.2019.104387
- (2) MUNOZ AL, ARONA RM, BEDOS M, HERNANDEZ H, KELLER M, **CHEMINEAU P**, DELGADILLO JA 2019. Presence of a sexually active goat buck enhances ovulation occurrence in seasonally anestrous does after ovulation and luteolysis induction in hormonally-treated goats in seasonal anestrus. *Animal Reproduction Science* 211, art. 106209. DOI 10.1016/j.anireprosci.2019.106209
- (3) ESPINOZA-FLORES LA, ANDRADE-ESPARZA JD, HERNANDEZ H, ZARAZAGA LA, ABECIA JA, **CHEMINEAU P**, KELLER M, DELGADILLO JA 2020. Male effect using photostimulated bucks and nutritional supplementation advance puberty in goats under semi-extensive management. *Theriogenology* 143, 82-87. DOI 10.1016/j.theriogenology.2019.12.005
- (4) ABECIA JA, KELLER M, **CHEMINEAU P**, DELGADILLO JA 2020. Light-induced sexually active rams provoke LH preovulatory surges and enhances LH concentrations in ewes after progestagen treatment. *HELIYON* 6(3) art. e03529. DOI 10.1016/j.heliyon.2020.e03529
- (5) DELGADILLO JA, LEMIERE A, FLORES JA, BEDOS M, HERNANDEZ H, VIELMA J, GUERRERO-CERVANTES M, ZARAZAGA LA, KELLER M, **CHEMINEAU P** 2020. Undernutrition reduces the body weight and testicular size of bucks exposed to long days but not their ability to stimulate reproduction of seasonally anestrous goats. *ANIMAL* 14, 2562-2569 art. PII S1751731120001329 DOI 10.1017/S1751731120001329
- (6) ABECIA JA, CARVAJAL-SERNA M, CASAO A, PALACIOS C, PULINAS L, KELLER M, **CHEMINEAU P**, DELGADILLO JA 2020. The continuous presence of ewes in estrus in spring influences testicular volume, testicular echogenicity and testosterone concentration, but not LH pulsatility in rams. *ANIMAL* 14, 2554-2561 art. PII S1751731120001330. DOI 10.1017/S1751731120001330
- (7) ABECIA JA, GAVE M, GARCIA AICASAO, A, CARVAJA-LSERNA M, PALACIOS C, KELLER M, **CHEMINEAU P**, DELGADILLO JA 2021. *Biological Rhythms Research* 52, 462-473. DOI 10.1080/09291016.2019.1613321
- (8) DELGADILLO JA, SIFUENTES PI, FLORES MJ, ESPINOZA-FLORES LA, ANDRADE-ESPARZA JD, HERNANDEZ H, KELLER M, **CHEMINEAU P** 2021. Nutritional supplementation improves the sexual response of bucks exposed to long days in semi-extensive management and their

ability to stimulate reproduction in goats. ANIMAL 15, 2 art. 100114. DOI 10.1016/j.animal.2020.100114

- (9) POISSENOT K, MOUSSU C, CHESNEAU D, RAMADIER E, KHALIL RA, CHORFA A, **CHEMINEAU P**, MICHELIN Y, SAEZ F, DREVET J, BENOIT E, LATTARD V, PINOT A, DARDENTE H, KELLER M 2021. Field study reveals morphological and neuroendocrine correlates of seasonal breeding in female water voles, *Arvicola terrestris*. General and Comparative Endocrinology 311 art. 113853. DOI 10.1016/j.ygcen.2021.113853
- (10) POISSENOT K, CHORFA A, MOUSSU C, TROUILLET AC, BRACHET M, CHESNEAU D, **CHEMINEAU P**, RAMADIER E, PINOT A, BENOIT E, LATTARD V, DARDENTE H, DREVET J, SAEZ F, KELLER M 2021. Photoperiod is involved in the regulation of seasonal breeding in male water voles (*Arvicola terrestris*). Journal of Experimental Biology 224(19) art. jeb242792 DOI 10.1242/jeb.242792

Activités éditoriales :

- Membre fondateur et membre du conseil d'administration de la revue scientifique ANIMAL
- Membre du Board du magazine Animal Frontiers

Short bio (in English) :

Philippe Chemineau is initially an Agronomist. He has a PhD in Reproductive physiology of domestic animals. He is Emeritus Director of Research INRAE (France) and President World Association of Animal Production (WAAP). He has been Head of the INRAE Division Animal Physiology and Livestock Systems; Member of national INRAE Management Board; Head of the « Delegation for scientific expertise, Foresight and Advanced studies (DEPE)» INRAE Paris; Head of the INRAE “ Direction of Regional policy, Higher education and Europe (DARESE)”. He has also been President of EAAP (European Association of Animal Production), the European Federation of Animal Science.

He has published 195 scientific publications and has an h-index : 39