

## Accepted Manuscript

Title: Model for Hormonal Emergency Contraception (HEC) in Cycling and Mated Guinea Pigs – Studies with the Progesterone Receptor Modulators (PRM) Ulipristal Acetate (UPA / CDB2914) and EC317

Authors: Elger W, Schneider B, Killeen Z, Jewgenow K, Dehnhard M, Friedrich M, Santhamma B, Wedemeyer R, Nickisch K

PII: S0960-0760(18)30194-8  
DOI: <https://doi.org/10.1016/j.jsbmb.2018.06.009>  
Reference: SBMB 5167

To appear in: *Journal of Steroid Biochemistry & Molecular Biology*

Received date: 11-4-2018  
Revised date: 4-6-2018  
Accepted date: 10-6-2018

Please cite this article as: Elger W, Schneider B, Killeen Z, Jewgenow K, Dehnhard M, Friedrich M, Santhamma B, Wedemeyer R, Nickisch K, Model for Hormonal Emergency Contraception (HEC) in Cycling and Mated Guinea Pigs – Studies with the Progesterone Receptor Modulators (PRM) Ulipristal Acetate (UPA / CDB2914) and EC317, *Journal of Steroid Biochemistry and Molecular Biology* (2018), <https://doi.org/10.1016/j.jsbmb.2018.06.009>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



# Model for Hormonal Emergency Contraception (HEC) in Cycling and Mated Guinea Pigs – Studies with the Progesterone Receptor Modulators (PRM) Ulipristal Acetate (UPA / CDB2914) and EC317

**Authors:** Elger W<sup>1</sup>, Schneider B<sup>1</sup>, Killeen Z<sup>2</sup>, Jewgenow K<sup>3</sup>, Dehnhard M<sup>3</sup>, Friedrich M<sup>1</sup>, Santhamma B<sup>1</sup>, Wedemeyer R<sup>4</sup>, Nickisch K<sup>1\*</sup>

<sup>1</sup> Evestra, Inc., Schertz, Texas, USA

<sup>2</sup> University of Arizona College of Medicine, Tucson, AZ, USA

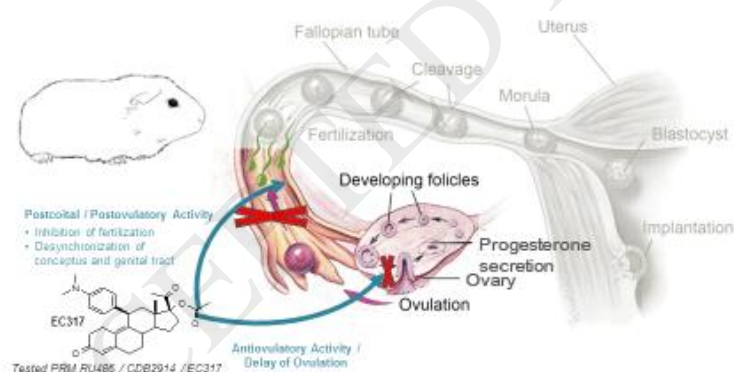
<sup>3</sup> Leibnitz Institute for Zoo and Wildlife Research, IZW, Berlin, Germany

<sup>4</sup> SocraTec GmbH, Oberursel/Ts., Germany

\* Corresponding author, email address: knickisch@evestra.com

## Graphical abstract

Model for Hormonal Emergency Contraception (HEC) in Cycling and Mated Guinea Pigs – Studies with the Progesterone Receptor Modulators (PRM) Ulipristal Acetate (UPA / CDB2914) and EC317



**Scheme:** Potential contraceptive mechanism of action in the peri-ovulatory situation in the guinea pig model, extrapolate to the proposed human (HEC). Extrapolation to human anatomies.

## Highlights

- Animal model for emergency contraceptives developed.
- Designed studies permit assessment of anti-ovulatory and postovulatory contraceptive properties. Both types of anti-fertility effects are seen at the same daily dose level.

Download English Version:

<https://daneshyari.com/en/article/8961914>

Download Persian Version:

<https://daneshyari.com/article/8961914>

[Daneshyari.com](https://daneshyari.com)