



NEWS

Joint FECUND/PROLIFIC Final Conference
"Innovations to improve dairy cow fertility"



The Joint FECUND/PROLIFIC Final Conference took place as a satellite workshop to the 20th Annual European Society for Domestic Animal Reproduction (ESDAR) Conference 2016. The Conference was held on October 30, 2016 at Altis Grand Hotel in Lisbon, Portugal.

During the conference



where the results of both of the projects were shared with the stakeholders, Matthew Lucy from University of Missouri was the invited speaker. During his moderation of the Discussion Session Lucy highlighted the fact that EU is way ahead in dairy cattle fertility research with focused teams across nations and commitment to food security and he pointed out that the deliverable of FECUND which will advance the breeding industry the most is the identification of deleterious haplotypes.



EU Project Officer Razvan Anistoroaei made a presentation on the "H2020: Opportunities for Animal health Research and Innovation" at the Conference pointing out the Food 2030 Priorities:

- o **Nutrition** for sustainable, healthy, safe food & diets
- o **Climate** smart & environmentally sustainable food system
- o **Circular** & resource efficient food systems
- o **Innovation** & empowerment of communities

The presentations of the Joint FECUND/PROLIFIC Final Conference are available at [FECUND Final Conference webpage](#).

FECUND 4th Annual Meeting

FECUND's last annual meeting was held in Lisbon, Portugal on October 31, 2016 with the participation of EU Project Officer Razvan Anistoroaei .

EVENTS

EVSSAR Conference 2017

June 29 – July 1, 2017
 Vienna, Austria



The European Veterinary Society for Small Animal Reproduction (EVSSAR) welcomes you to its Conference in 2017 at Vienna, Austria between 29 June – 1 July.

For more information visit [EVSSAR Website](#).

ESDAR Conference 2017

August 24–26, 2017
 Bern, Switzerland



In 2017, 21st annual conference of ESDAR will be held from 24 to 26 of August 2017 in Bern, Switzerland.

For more information visit [ESDAR 2017 Website](#).

EAAP 2017

August 28–September 2, 2017
 Tallinn, Estonia



The 68th Annual Meeting of the European Federation of Animal Science will take place from 28 August to 1 September in Tallinn, Estonia's capital.

For more information visit [EAAP 2017 website](#).

AETE Meeting 2017

September 8–9, 2017
 Bath, UK



The 33rd Association of Embryo Technology in Europe (AETE) meeting will be held in Bath (UK) from 8-9 September 2017.

For more information visit [AETE 2017 website](#).

IRRS 2018

September 16–20, 2018
 Foz do Iguaçu, Brazil

Filippo Biscarini, Project Coordinator, opened the meeting and informed the FECUND partners briefly on the status of the project. He stated that the WPs showed quite a good progress with 20 deliverables submitted since March 2016. The 2 SMEs, Ośrodek Hodowli Zarodowej Osieciny Sp. z o.o. (OBF) and Bayern Genetik GmbH (BG) requested to withdraw from the project.

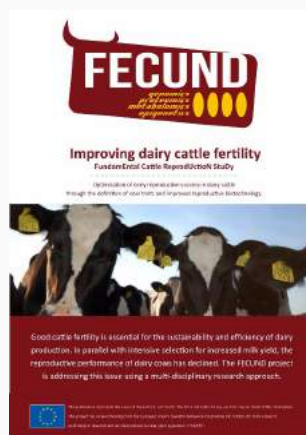


All work package leaders briefly updated the consortium about the progress and the results from their researches and WPs. It was decided to communicate and disseminate the results of FECUND with a focused stakeholder webinar before the end of the project.

FECUND "Results" Leaflet is Published!

FECUND has a new leaflet presenting the results achieved during the project.

The first leaflet which was published to introduce the project provided information on the project background and challenges in dairy cattle fertility and reproduction, the interdisciplinary approach that FECUND is based on, objectives, outputs and potential applications, partnership with PROLIFIC and partners. It was aimed to be used as a "presentation card" of the project to promote awareness and generate interest.



The new FECUND leaflet provides information on the project background, key innovations and impacts, followed by the project results grouped as the "genetic model", "metabolic model" and the "high technologies". Leaflet 2 is aimed to be used as a "results and further research opportunities card" highlighting project activities and key the results.

Both leaflets are available for download at [FECUND Media webpage](#).

FECUND Stakeholder Webinar



The FECUND Stakeholder Webinar was held on January 17, 2017. The aim of the webinar was to disseminate and communicate the results of the researches carried out in scope of the FECUND project to facilitate the knowledge and technology transfer to the stakeholders, in particular the breeding industry, end-users and the knowledge institutes for future

research possibilities.

Genetic and Metabolic Models developed under FECUND project were presented by Pat Lonergan, WP1 & WP6 leader. Eckhard Wolf, WP2 & WP4 leader, provided information on the *use of -omics in reproductive success* and Pascal Mermillod, WP3 leader, summarized the results of his institution's researches on identifying the *role of oviduct in the success of reproduction under challenging conditions*. *Use of NGS in cattle reproduction and identification of potentially harmful haplotypes* were explained by Filippo Biscarini, Project Coordinator during the



Save-the-Date for 10th International Ruminant Reproduction Symposium (IRRS) between September 16-20, 2018 at Foz do Iguaçu, Brazil.

For more information visit [IRRS 2018 website](#).

ICAR 2020

June 28– July 2, 2020
Bologna, Italy



INTERNATIONAL CONGRESS ON
ANIMAL REPRODUCTION

The 19th International Congress on Animal Reproduction (ICAR) will be held between 28 June – 2

July, 2020 in Bologna, Italy.

For more information visit [ICAR website](#).

PUBLICATIONS

[Cobalamin Supplementation during in vitro maturation improves developmental competence of sheep oocytes](#)

Zacchini F., Toschi P., Ptak G.E.

[Exogenous Expression of Human Protamine 1\(hPrm1\) Remodels Fibroblast Nuclei into Spermatid-like Structures](#)

Iuso D., Czernik M., Toschi P., Fidanza A., Zacchini F., Feil R., Curtet S., Buchowicz T., Shiota H., Khochin S., Ptak G.E., Loi P.

webinar. Pascal Salvetti, WP9 leader shared the *experiences of ALLICE*, the representative of the French breeding and reproduction industry in a highly scientific project like FECUND.



Geographical distribution of FECUND Webinar attendees

The webinar received audience from a wide variety of countries and institutions. Attendees participated interactively by asking questions to the speakers and by sharing their comments at the discussion session.

The presentations and the recording of the FECUND Stakeholder Webinar are available at [FECUND Webinar webpage](#).

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