

DOKTORSKÝ STUDIJNÍ PROGRAM

NÁVRH TÉMATU/PROPOSAL OF THEME

Studijní program/*Study Program*: **Animal Science**

Studijní obor/*Branch of Study*: **General Animal Science**

Katedra/*Department of*: **Ethology and Companion Animal Science**

Školitel (včetně titulů), email/*Supervisor*, email: doc. RNDr. Marek Špínka, CSc., spinka.marek@vuzv.cz

Konzultant (včetně titulů)/*Co-supervisor*: RNDr. Gudrun Illmann, CSc.

Forma studia/*Form of Study*: **Full_time**

Typ tématu/*Type of Theme*: **Framework**

Téma/Theme: Effect of housing in lactating sows on behaviour, welfare and piglet performance

Hypotéza/Hypothesis: „Combi“ housing system for lactating sows has a positive impact on the maternal behavior, welfare and production of the sows

Anotace/Annotation: Farrowing crates during lactation influence negative the welfare of sows and piglets. Permanent confinement of the sows causes health problems. The concerns of increased piglet mortality has limited the implementation of free farrowing pens by pig producers. Farrowing pens with temporary confinement over the first few days post-partum have been developed as a compromise between conventional farrowing crates and pens to better satisfy the needs of the sow and of the piglets during lactation.

Zdroj financování/Source of: internal grants, external project application

Datum/*Date*: 31.1.2020

Podpis/*Signature*: