Special Issue

Improvements of Reproduction and Growth Performance in Pig Farming

Message from the Guest Editors

Pig breeding is going through some challenges associated with intensive production, which is related to the production of feedstuff and issues of pig welfare or health, both in terms of sow breeding and pig fattening. Human work is continuing to decrease, while various minimalizing technologies and robotization are being applied. At the same time, in many countries local pig breeds are entering the field of pork production, reaching satisfying productive parameters with the potential to supplement the demand for pork meat. It needs to be emphasized that the global consumption and popularity of pork are high, which enhances the demands on the reproductive potential of sows and, at the same time, on the growth of pigs, while maintaining low feed consumption. Reproductive as well as productive performance are closely related to the genetic foundations of pigs, hybridization, housing systems, and varying feeding strategies.

Guest Editors

Dr. Pavel Nevrkla

Department of Animal Breeding, Faculty of AgriSciences, Mendel University in Brno, Zemedelska 1, 613 00 Brno, Czech Republic

Dr. Eva Weisbauerova

Department of Pig Breeding, Institute of Animal Science, Prague-Uhrineves, Kostelec nad Orlici, Komenskeho 1239, 517 41 Prague, Czech Republic

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Agriculture
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
agriculture@mdpi.com

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Prof. Dr. Les Copeland

Sydney Institute of Agriculture, School of Life and Environmental Sciences, The University of Sydney, Sydney, NSW 2006, Australia

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