

SAPPO RESEARCH PORTFOLIO COMMITTEE

CALL FOR RESEARCH PROPOSALS

The Research Portfolio Committee of SAPPO was instituted to encourage scientists in South Africa to conduct research and development projects that are of value to the commercial pig industry in this country. A limited amount of funding is available from SAPPO for this purpose. Projects to be funded must focus on specific problem areas in the industry.

The list below of these research focus areas gives an overview of the type of research that would be considered by the Committee. The list below is not exhaustive, and we would certainly consider projects outside of these topics if these were sufficiently well motivated. Our objective is to encourage research, so we are not totally prescriptive in the list of acceptable projects. The most important criterion is that the research must be of value to the commercial pig industry.

1 Sustainable animal resource conservation and utilization

- 1.1 Pig genetic resources
- 1.2 Environmental Protection

2 Livestock production with global competitiveness

- 2.1 Pig recording and DNA technology services
- 2.2 Reproductive performance
- 2.3 Genetics and physiology of product development
- 2.4 Genetic improvement
- 2.5 Nutrient intake and utilization
- 2.6 Integrated models for more efficient management
- 2.7 Pig welfare
- 2.8 Pig housing

3 Animal health and pests

- 3.1 Pathogen detection
- 3.2 Microbial genomics (viral, bacterial and protozoal)
- 3.3 Epidemiology of pig diseases
- 3.4 Genetic resistance to disease
- 3.5 Disease control strategies (vaccines)
- 3.6 Mycotoxins

4 Animal products and value adding

- 4.1 Intrinsic quality of pig meat
- 4.2 Meat technology and shelf life

5 Food safety and quality / value

- 5.1 Microbial pathogens
- 5.2 Chemical residues
- 5.3 Composition of pork, bio-availability of nutrients and sensory appraisal
- 5.4 Equipment, materials and infrastructure

6 Market development, trade and enterprise support

- 6.1 Socio and institutional organization
- 6.2 Market analysis
- 6.3 Risk analysis and management

7 Livestock-based technology transfer and dissemination
7.1 Information systems

Submitting Project Proposals

Project proposals will be considered at any time of the year, but it would be an advantage to submit these early in the year in order to guarantee funding, as only a limited amount of funding is available each year. Also, a proportion of these funds is allocated for student bursaries and for review articles.

Funds allocated for a project will be transferred to the research institute after an agreement has been signed by both parties and after confirmation by the research institute that the scheduled research work has commenced.

If you wish to make use of these funds for research with pigs, we request that you submit a short formal project proposal, using the attached application form, with required attachments, to Mr Simon Streicher at info@sapork.com. All proposals will be considered by the Research Portfolio Committee, which meets every two months, and a comprehensive project proposal will then be requested from successful applicants.