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EDITORIAL

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This Special issue contains selected peer reviewed articles from **10th Scientific Conference of the Faculty of Veterinary Medicine, entitled "Veterinary Medicine and The Sustainable Development: New Future Horizons" held on 14-17 October 2019, at University of Sadat City, Egypt**

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CONFERENCE THEMES:

1. Veterinary medicine and livestock development to achieve food security
2. Advanced methods for early diagnosis, prevention and treatment in the veterinary field.
3. New in care, breeding and nutrition programs to maximize productive efficiency in animals, poultry and fish.
4. The role of veterinary medicine in public health by controlling common diseases.
5. New in the field of biomedical sciences

CONFERENCE GOALS:

- 1- Focus on applied research for early diagnosis of diseases and modern methods of controlling them.
- 2- Providing solutions to the problems of low animal, poultry and fish production rates compared to international standards.
- 3- Providing innovative solutions to achieve food self-sufficiency and the advancement of the national economy by encouraging the local product in parallel with consumer protection.

CONFERENCE RECOMMENDATIONS:

First: Recommendations related to veterinary education, graduate and veterinarians:

- 1) Creating new courses in the program such as (Veterinary Ethics - Animal Rights - Graduation Research Project) and through a graduate research course, students conduct applied research in the year of graduation.
- 2) Introducing distinguished specialized study programs to produce a specialized veterinarian.
- 3) Paying attention to the development and management systems of milking farms to achieve the maximum economic benefit from them, and including some university study programs for the management of milking farms.

Second: Recommendations for postgraduate studies and research:

- 1) Going to research interested in improving strains and increasing animal productivity through modern technologies such as transferring embryos from mothers appropriate to that.
- 2) Interest in conducting epidemiological studies to characterize the health status of farm animals in order to be able to draw up a strategy to combat these diseases on scientific grounds.

3) Establishing an effective system for monitoring incoming diseases before they reach the homeland and following the procedures that prevent their entry.

4) Establish centers of excellence such as: -
Center of Excellence in Laboratory Insemination,
Center of Excellence in Embryo Transfer and
Center of Excellence in Beauty Research.

Third: Recommendations specific to the profession of veterinary medicine, society and the environment:

1) Recommend the necessity of having a veterinarian supervising the animal production farms in its various sectors before granting licenses to establish the farm.

2) Establishing continuous training programs for veterinarians and linking promotion grades to passing a specified number of training courses, in cooperation and coordination between the colleges of veterinary medicine, the General Authority for Veterinary Services and the General Union of Veterinarians.

3) Expanding the production of large-scale local vaccines.

4) Introducing new feeding systems to reduce costs of production requirements and requiring the state to support these requirements.

5) The necessity of conducting courses and informational meetings for farmers in villages and owners of animal production projects.

6) The necessity of developing and activating laws and legislations in the field of veterinary medicine.

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