Curriculum Vitae

Name: Sherein Hamdy Mohamed
Nationality: Egyptian
Date of birth: 19/8/1978
Address: 4 Abo-Baker El Sedek st, El- Eshrein Fysal, Giza.
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Education:

Degree	Institution	country	Year	Grade
Ph.D.	Fac. of Agric., Cairo University	Egypt	2012	Excellent
M.Sc.	Fac. of Agric., Cairo University	Egypt	2005	Excellent
B.Sc.	Fac. of Agric., Cairo University	Egypt	1999	Good.

Employment:

***1999 - present:** Researcher of Animal Production Research Institute - Agricultural Research Center. Ministry of Agriculture and Land Reclamation, Nutrition Department.
Address: Nadi El-Said Street, El-Dokki, Giza, Cairo, Egypt.
Tel/fax: 00202 333043325
* **2004- 2008** Misr 2000 laboratory Analytic (part time)
* **1999- 2004** Pharma company Sales department (part time)

Work Experience:

-Conducting chemical analysis n of feedstuffs and food
-Evaluation of feed by, *in-vitro* dry and organic matter disappearance. .The *In-vivo* trails and digestibility trails.
-Determination of minerals.
-Determination of aflatoxin in food and feed.
-Planning, implementation and reporting of laboratory and field experiments and projects related to animal production.
-Evaluation and follow-up the applied research at the level of research stations and on farm-level and analysis the results and discussion.
-Utilization of agricultural residues and residues of food industries to improve their nutritional value chemical treatments (e.g. ammonia or urea treatment) and biological treatments (use of fungi, yeasts and bacteria).
- Improvement in milk production and quality (fat and solids-not fat).
- Possible reduction in daily feeding cost.
- Increase in net daily income.
- Improvement in reproduction efficiency of animals.

•- Reduction in calving interval, and as a result increase in productive life.
•- Improvement in the growth rate of calves, leading to early maturity and earlier calving.
• - Reduction in methane emission.

A list of relevant researches:

1- **Fadel, M.; S.M. Allam; Al-Bedawi, T.M.; Hanaa, H. El-Amary and Sherein .H. Mohamed (2005).** Nutritive value improvement of sugar beet pulp through biological treatment. 1-Selection and optimization of culture condition for selected fungal strain performance. *New Egyptian Journal of Microbiology. 11: 125-134.*

2- **Sabbah, M. A.; Al-Bedawi, T. M.; Hanaa H. El-Amary and Sherein H. Mohamed (2005).** Improving sugar beet pulp through biological treatment and its use in sheep rations. *Egy. J. Nutr. And Feeds 11: 469-479.*

3- **Sabbah, M. Allam; Zaza, G. H.; Mahrous, A. A. ; Abd El-Gawad, M.H. and Sherein H. Mohamed (2012)** *In-vitro* evaluation of the effect of some natural sources of peroxidase enzyme on degradation of phenolic compound in some local feedstuffs. . *Egy. J. Nutr. And Feeds 15 (1): 179-188.*

4- **Sabbah, M. Allam; Zaza, G. H.; Mahrous and Sherein H. Mohamed (2013)** Degradation of phenolic compounds in buffalo calve starter by peroxidase enzyme from natural source: 1-Effect on growth performance of growing calves before complete rumen development. *Egy. J. Nutr. And Feeds 16 (2): 57-67*

5- **Zaza, G. H.; Sabbah, M. Allam; Mahrous and Sherein H. Mohamed (2013)** Degradation of phenolic compounds in buffalo calve ration by peroxidase enzyme from natural source: 2-Effect on growth performance of growing calves after complete rumen development. *Egy. J. Nutr. And Feeds 16 (2): 69-79.*

Other skills:

Language Skills: -Very good command of spoken and written English.
- Advanced English "TOEFL" local and international

Computer Skills: - Excellent in the use of Microsoft Office (Word-Excel-PowerPoint-Access- internet). Statistic programs.
- ICDL Certificate.

Research Experience:

In my research for the Ms.c I studied the effect of biological treatment of some agriculture by-product to improve its nutritive value.

In my research for the Ph.D I studied the effect of use Peroxidase which is the most important enzymatic mechanisms which protect an organism

against oxidative stress which safely interact with free radicals as an antioxidant. And the possibility of peroxidase to reduce the anti-nutritional factors (phenolic compounds) in some feed and food materials.

QUALIFICATIONS:

Character Traits:
- Ability to learn new tasks quickly.
- Ability to work well under pressure.
- Creative, reliable and dynamic.
- Can work individually and as an effective team member
- Self motivated and enjoy challenges