

## PERSONAL INFORMATION




## Dr. Ayman Gamal Fawzy EL Nagar

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Sex Male | Date of birth 26/03/1983 | Nationality Egyptian

## POSITION

Lecturer of Animal Breeding and Genetics, Animal Production Department, Faculty of Agriculture, Benha University, Egypt

## EDUCATION AND TRAINING

15/09/1999–20/06/2003

 Bachelor of Agricultural Sciences (Animal Production and Poultry)

Department of Animal Production, Faculty of Agriculture at Moshtohor, Zagazig University, Benha Branch, Egypt

15/09/2004–21/12/2008

 Master of Science in Animal Production (Animal Breeding)

Department of Animal Production, Faculty of Agriculture, Benha University, Egypt

05/10/2009–21/06/2010

 Postgraduate Specialization Diploma (PSD) in Animal Breeding and Reproduction Biotechnology

International Centre for Advanced Mediterranean Agronomic Studies (CIHEAM)

05/10/2009–21/09/2011

 International Master of Animal Breeding and Reproduction Biotechnology

Polytechnic University of Valencia & Autonomous University of Barcelona, Spain

17/10/2011–17/06/2015

Ph.D. in Animal Breeding and Genetics

Department of Animal Science - Polytechnic University of Valencia, Spain, Valencia (Spain)

Excellent with *Cum Laude*

14/04/2009

Principles of Biotechnology & Genetic Engineering and its Application

The Biotechnology Research Center, Suez Canal University, Ismailia (Egypt)

**Workshop**

05/05/2011–13/05/2011

Introduction to FORTRAN

Universidad Politécnica de Valencia, Valencia (Spain)

**Training Course**

21/11/2011–25/11/2011

Stochastic Simulation in Animal Breeding

Facultad de Veterinaria, Universidad de Zaragoza, Zaragoza (Spain)

**Training Course**

11/06/2012–13/06/2012 **Easy Genomic Selection Using Bayesian and Linear Models**  
Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA), Madrid (Spain)

**Training Course**

24/09/2012–25/09/2012 **Introduction to R**  
Universidad Politécnica de Valencia, Valencia (Spain)

**Training Course**

26/09/2012–28/09/2012 **Introduction to FORTRAN**  
Universidad Politécnica de Valencia, Valencia (Spain)

**Training Course**

28/01/2013–01/02/2013 **Introduction to Bayesian Statistics with MCMC**  
Universidad Politécnica de Valencia, Valencia (Spain)

**Training Course**

22/04/2013–26/04/2013 **Statistical methods to predict complex traits using genomic information**  
Universidad Politécnica de Valencia, Valencia (Spain)


**Training Course**

24/06/2013–28/06/2013 **Genomic Selection in Rabbit Breeding**  
A collaborative European Network on Rabbit Genome Biology (COST), Valencia (Spain)

**Training Course**

09/02/2015–10/02/2015 **Some relevant elements of Quantitative Genetic for genomic selection**  
Universidad Politécnica de Valencia, Valencia (Spain)

**Training Course****WORK EXPERIENCE**

15/12/2003–21/12/2008  **Demonstrator**  
Animal Production Department, Faculty of Agriculture, Zagazig University, Benha Branch, Egypt

22/03/2009–27/09/2015 **Assistant Lecturer of Animal Breeding and Genetics**  
Animal Production Department, Faculty of Agriculture, Benha University, Egypt

28/09/2015–Present **Lecturer of Animal Breeding and Genetics**  
Faculty of Agriculture, Benha University, Egypt, Tukh, Kalyoubia (Egypt)

PERSONAL SKILLS

Mother tongue(s) Arabic

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Spanish	C1	C1	B2	B2	B2
Spanish Course during summer 2009, Inlingua, Zaragoza, Spain					
English	B2	B2	B1	B1	B2
TOEFL (445)					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
 Common European Framework of Reference for Languages

Communication skills

- Attended course entitled "Legal aspects of Universities" organized by Faculty and Leadership Development project, held in Benha University, Egypt, from 7-9/5/2007.
- Attended course entitled "Effective Teaching Skills" organized by Faculty and Leadership Development project, held in Benha University, Egypt, from 11-14/9/2006.
- Attended course entitled "Research Methodology" organized by Faculty and Leadership Development project, held in Benha University, Egypt, from 18-21/9/2006.
- Attended course entitled "Thinking Skills" organized by Faculty and Leadership Development project, held in Benha University, Egypt, from 25-27/9/ 2006.

Organisational / managerial skills

- Giving practical sections(Lab. practise, computer practise, round table discussions and technical visits) to the department B.Sc. students for: Animal breeding principles, Animal production, Design and analysis of animal production experiments, Poultry breeding and improvement, Animal breeding and improvement, Animal Histology, Poultry production, Animal production and poultry fundamentals, How to design animal and poultry and rabbits farms, Breeding and Rearing of rabbits, Rabbits ration formulations.
- Contributed in the creation of some rabbitries in Kalyoubia Governorate with giving practical and scientific advices to the small breeders and newly graduates and help them to solve their production problems.
- Assistant Investigator for the project of "Development of rabbits strains in Egypt", from March 2003 to August 2006, in collaboration with the Spanish International Agency (AECID) and the center of Cooperation for development, Polytechnic University of Valencia, Spain, titled: "Production of purebred and crossbred parents of rabbits to be distributed to the small breeders in the middle and east of Delta".
- Assistant Investigator for the project of "Meat rabbits production; evaluation and genetic improvement of both of Egyptian & Spain strains", in collaboration with the Spanish International Agency (AECID), Spain, from November 2007 to October 2009.
- Collaboration on deriving a new synthetic rabbit line called "Line Moshtohor" locally in 2006. Moreover research is going on to improve and increase productivity of this line, as well as its distribution among small breeders and research bodies in Egypt. (<http://www.iamz.ciheam.org/medrabbbit/docs/moshtohor.pdf>).
- Assistant Investigator in the Project "Mejora Genética del Conejo de Carne: Reproducción, Estrés y Longevidad". Universidad Politécnica de Valencia, Valencia, Spain. Principal Researcher: Prof.Dr./Manuel Baselga Izquierdo.

Job-related skills

- Participation in Egyptian society Symposium of Rabbit Science entitled "Promoting production of rabbits in Egypt", held in College of Agriculture Ismailia, Suez Canal University, Egypt, on Thursday, 12 February 2009.
- Participation in Symposium of Egyptian society of Poultry Science entitled "Featured research thrust in the Fifth International Conference of poultry science", held in College of Agriculture, Alexandria University, Egypt, on Thursday, 23 April 2009.
- Participation in Symposium of Egyptian society of Poultry Science entitled "Role of the Social Fund

in poultry production projects development in Egypt", held in College of Agriculture, Alexandria University, Egypt, on Thursday, 3/4/2008.

- Participation in Symposium of Egyptian society of Poultry Science entitled "Implications of the 3rd international conference of poultry - Conclusions and Recommendations", held in College of Agriculture, Alexandria University, Egypt, on Thursday, 28 April 2005.

#### Digital competence

- A very good command of Microsoft office tools (Word, Excel, PowrPoint, Internet search tools, Windows, Photo editing...etc)

### ADDITIONAL INFORMATION

#### Publications

- AUTHORS: RAGAB, M., SÁNCHEZ, J.P., MINGUEZ, C., **EL NAGAR, A. G.**, BASELGA, M. TITLE: LONGEVIDAD FUNCIONAL EN UN CRUCE DIALÉLICO ENTRE CUATRO LÍNEAS MATERNALES DE CONEJO CONGRESS: XIV JORNADAS SOBRE LA PRODUCCIÓN ANIMAL (AIDA) PUBLICATION: ITEA 2011 TOMO II PAGINA 473-475. YEAR: **2011**.
- AUTHORS: MÍNGUEZ C., SÁNCHEZ J.P., RAGAB M., EL NAGAR A.G., BASELGA M. TITLE: GROWTH TRAITS IN FOUR MATERNAL RABBIT LINES CONGRESO: 10TH WORLD RABBIT CONGRESS. P: 55-59. YEAR: 2012.
- AUTHORS: **EL NAGAR A. G.**, SÁNCHEZ J. P., RAGAB M., MÍNGUEZ C., BASELGA M. TITLE: FUNCTIONAL LONGEVITY IN FOUR SPANISH MATERNAL LINES OF RABBITS. CONGRESO: 10<sup>TH</sup> WORLD RABBIT CONGRESS. P: 49-53. YEAR: **2012**.
- AUTHORS: RAGAB M., SÁNCHEZ J. P., **EL NAGAR A. G.**, MÍNGUEZ C., DESANTES, J., BASELGA M. TITLE: CROSSBREEDING EFFECTS ON LITTER SIZE COMPONENTS IN RABBITS. CONGRESO: 10<sup>TH</sup> WORLD RABBIT CONGRESS. P: 171-175. YEAR: **2012**.
- AUTHORS: **EL NAGAR A. G.**, SÁNCHEZ J. P., MÍNGUEZ C., BASELGA M. TITLE: HETEROGENEIDAD GENÉTICA DE LA LONGEVIDAD FUNCIONAL EN CINCO LÍNEAS DE CONEJOS. CONGRESS: XV JORNADAS SOBRE LA PRODUCCIÓN ANIMAL (AIDA) PUBLICATION: ITEA 2013 TOMO II PAGINA 469-471. YEAR: **2013**.
- AUTHORS: **EL NAGAR A. G.**, RAGAB M., SÁNCHEZ J. P., MÍNGUEZ C., BASELGA M. TITLE: COMPARACIÓN DE LA PRODUCCIÓN Y LA COMPOSICIÓN DE LA LECHE EN TRES LÍNEAS MATERNALES DE CONEJOS. CONGRESS: XV JORNADAS SOBRE LA PRODUCCIÓN ANIMAL (AIDA) PUBLICATION: ITEA 2013 TOMO II PAGINA 475-477. YEAR: **2013**.
- AUTHORS: MÍNGUEZ C., GUTIÉRREZ-VALCÁRCEL A., SÁNCHEZ J. P., **EL NAGAR A. G.**, RAGAB M., BASELGA M. TITLE: COMPARACIÓN DE CARACTERÍSTICAS DE SACRIFICIO EN CONEJOS CRUZADOS PROCEDENTES DE CUATRO LÍNEAS MATERNALES. CONGRESS: XV JORNADAS SOBRE LA PRODUCCIÓN ANIMAL (AIDA) PUBLICATION: ITEA 2013 TOMO II PAGINA 478-480. YEAR: **2013**.
- AUTHORS: RAGAB M., **EL NAGAR A. G.**, TORRES, C., BASELGA M. TITLE: CRUZAMIENTO ENTRE LÍNEAS MATERNALES DE CONEJOS DE CARNE. XXXVIII SYMPOSIUM DE CUNICULTURA DE ASESCU. ZAMORA, 30 Y 31 DE MAYO DE 2013. YEAR: **2013**.
- AUTHORS: **EL NAGAR A. G.**, SÁNCHEZ J. P., RAGAB M., MÍNGUEZ C., BASELGA M. TITLE: GENETIC COMPARISON OF MILK PRODUCTION AND COMPOSITION IN THREE MATERNAL RABBIT LINES. WORLD RABBIT SCI. 2014, 22: 261-268. doi:10.4995/wrs.2014.1917. YEAR: **2014**.
- AUTHORS: MÍNGUEZ, C., SÁNCHEZ J. P., **EL NAGAR A. G.**, RAGAB M., BASELGA M. TITLE:

GROWTH TRAITS OF FOUR MATERNAL LINES OF RABBITS FOUNDED ON DIFFERENT CRITERIA. COMPARISONS AT FOUNDATION AND AT FIXED TIMES AFTER SELECTION. J. ANIM. BREED. GENET., 133: 303–315. DOI:10.1111/JBG.12197.

YEAR: **2016**.

- AUTHORS: MÍNGUEZ, C., SÁNCHEZ J. P., BRUN J.M., **EL NAGAR A. G.**, RAGAB M., BASELGA M. TITLE: GENETIC ANALYSIS OF GROWTH TRAITS IN THE PROGENY OF RABBIT DOES COMING FROM A DIALLEL CROSS. **WORLD RABBIT SCIENCE**, [S.L.], V. 23, N. 4, P. 211-224, DEC. 2015. DOI: [HTTP://DX.DOI.ORG/10.4995/WRS.2015.3593](http://dx.doi.org/10.4995/WRS.2015.3593).

YEAR: **2015**.

- AUTHORS: MÍNGUEZ, C., SÁNCHEZ J. P., **EL NAGAR A. G.**, RAGAB M., BASELGA M. TITLE: GENETIC ANALYSIS OF SLAUGHTER AND CARCASS QUALITY TRAITS IN CROSSBRED RABBITS COMING FROM A DIALLEL CROSS OF FOUR MATERNAL LINES. **WORLD RABBIT SCI.** 2015, 23: 225-239 DOI:10.4995/WRS.2015.3594.

YEAR: **2015**.

- AUTHORS: MÍNGUEZ, C., SÁNCHEZ J. P., RAGAB M., **EL NAGAR A. G.**, BASELGA M. TITLE: GENETIC ANALYSIS OF MEAT QUALITY TRAITS IN THE PROGENY OF RABBIT DOES COMING FROM A DIALLEL CROSS. **WORLD RABBIT SCI.**

YEAR: **2015**.

- AUTHORS: RAGAB M., MÍNGUEZ, C., **EL NAGAR A. G.**, TORRES, C., SÁNCHEZ J. P., BASELGA M. TITLE: CRUZAMIENTO ENTRE LÍNEAS MATERNALES DE CONEJOS DE CARNE. **REVISTA DE CUNICULTURA.**

YEAR: **2014**.

- AUTHORS: **EL NAGAR A. G.**, MÍNGUEZ, C., SÁNCHEZ, J. P., TORRES, C., BASELGA, M. TITLE: PRODUCCIÓN DE LECHE Y PESO DE LA CAMADA EN DIFERENTES LÍNEAS DE CONEJOS (MILK PRODUCTION AND LITTER WEIGHT IN DIFFERENT RABBIT LINES). XXXIX SYMPOSIUM DE CUNICULTURA DE ASESCU. TUDELA, 29 Y 30 DE MAYO DE 2014. PP. 54-58.

YEAR: **2014**.

- AUTHORS: MÍNGUEZ, C., SÁNCHEZ, J. P., **EL NAGAR A. G.**, BASELGA, M. TITLE: CARACTERES DE CRECIMIENTO Y RENDIMIENTO EN CONEJOS PROCEDENTES DE UN CRUCE A TRES VÍAS. (GROWTH AND CARCASS TRAITS IN CROSSBRED RABBIT FROM THREE-WAY CROSSING). XXXIX SYMPOSIUM DE CUNICULTURA DE ASESCU. TUDELA, 29 Y 30 DE MAYO DE 2014.

YEAR: **2014**.

- AUTHORS: **EL NAGAR A. G.**, SÁNCHEZ, J. P., MÍNGUEZ, C., BASELGA, M. TITLE: GENÉTICA DE LA LONGEVIDAD FUNCIONAL EN DIFERENTES LÍNEAS DE CONEJOS (GENETICS OF FUNCTIONAL LONGEVITY IN DIFFERENT RABBIT LINES). XVII REUNIÓN DE MEJORA GENÉTICA ANIMAL (5-6 JUNIO 2014, BELLATERRA, BARCELONA).

YEAR: **2014**.

- AUTHORS: MÍNGUEZ, C., SÁNCHEZ, J. P., **EL NAGAR A. G.**, BASELGA, M. TITLE: COMPARACIÓN DE CARACTERES DE COMPOSICIÓN DE CARNE EN CONEJOS CRUZADOS PROCEDENTES DE CUATRO LÍNEAS MATERNALES (COMPARISON OF COMPOSITION OF MEAT CHARACTERISTICS IN CROSSBRED RABBIT FROM FOUR MATERNAL LINES). XVII REUNIÓN DE MEJORA GENÉTICA ANIMAL (5-6 JUNIO 2014, BELLATERRA, BARCELONA).

YEAR: **2014**.

- AUTHORS: MÍNGUEZ, C., SÁNCHEZ, J. P., HERNANDEZ, P., RAGAB M., **EL NAGAR A. G.**, BASELGA, M. TITLE: GENETIC ANALYSIS OF MEAT QUALITY TRAITS IN THE PROGENY OF RABBIT DOES COMING FROM A DIALLEL CROSS. THE 11th WORLD RABBIT CONGRESS, 15-18 JUNE, QINGDAO, CHINA.

■ YEAR: **2016**.

- AUTHORS: BASELGA, RAGAB M., M., MÍNGUEZ, C., **EL NAGAR A. G.** TITLE: ANALYSIS OF METHODS TO FOUND NEW RABBIT LINES. The 8th INTERNATIONAL CONFERENCE ON RABBIT PRODUCTION IN HOT CLIMATES, 8-11 MARCH, HURGHADA, EGYPT.

YEAR: **2017**.

- Conferences *XXXVI Symposium de Cunicultura de ASESCU, 12 and 13 May, 2011, Peñíscola, Spain.*
- Conferences *XIV Jornadas Sobre Producción Animal, 17 and 18 May 2011, Zaragoza, Spain.*
- Conferences *10<sup>th</sup> World Rabbit Congress, September 3-6, 2012, Sharm El-Sheikh, Egypt.*
- Conferences *XV Jornadas sobre Producción Animal, 14 and 15 May 2013, Zaragoza, Spain.*
- Conferences *XXXVIII Symposium de Cunicultura de ASESCU, 30 and 31 May, 2013, Zamora, Spain.*
- Conferences *XXXIX Symposium de Cunicultura de ASESCU, 29 and 30 May, 2014, Tudela, Spain.*
- Conferences *XVII Reunión De Mejora Genética Animal, 5-6 Junio 2014, Bellaterra, Barcelona, Spain.*
- Conferences **3<sup>rd</sup> International Conference on Agricultural Biotechnology Applications (ICBAA), (ICBAA), Moshtohor and Sharm El-Shiekh, 5-9 April 2016, Faculty of Agriculture, Benha University, Egypt.**
- Conferences ***The 8<sup>th</sup> International Conference on Rabbit Production in Hot Climates, during, 8-11 March 2017, Hurghada, Egypt.***