



Dr. Ahmed Sayed Abdel-Moneim PhD.
Associate professor of virology
Master 1999 and PhD 2000 in Virology from Fac.
Vet. Med. Cairo Univ.

Achievements:

Discovery of H5N1 in new mammalian hosts; donkeys.
Deposition of 90 nucleotide sequences in NCBI for coronavirus and influenza virus as well as flavivirus.
Construction of baculoviruses for coronavirus N and S genes for diagnostic and vaccine production under mammalian expression promoters.
Innovation of new pathogenicity model of sheeppox and bovine parapoxviruses
Isolation of novel native genotype of avian coronavirus
Delineating immune-evasion strategy of sheep pox responsible for the appearance of the disease in vaccinated flocks.
16 publications 6 of them in international journals with extra 3 ahead of publications.

Editorial

Managing editor of Beni-Suef Vet. Med. J.
Issuing many assays regarding influenza viruses in Al-Ahram international and other journals.
Issuing University Public awareness notes regarding virology topics. [Beni-Suef University]

Managemental and other activities

Supervision the design and managed Beni-Suef University web sites and its colleges in three live languages.
Member in the Scientific committee of Fac. Vet. Med. [Beni-Suef University]
Cultural committee secretary of Fac. Vet. Med. 2005- 2009 [Beni-Suef University]
Member of German Egyptian Network of Young Scientist

PERSONAL DETAILS

Family name	Abdel-Moneim Sayed.
Fore name	Ahmed.
Full name	Abdel-Moneim Ahmed Sayed
Date of birth	9-12-1971
Country of birth	Egypt
Nationality	Egyptian
Home address	16, Safwat Fayad st, El-Roda St, Beni Suef, Egypt.
Passport	Valid
Correspondence address	Virology Dep., Faculty of Veterinary Medicine, Beni-Suef Egypt
Social status	Married with two children.
Mobile	+2 0125705482
E-mail	asa@bsu.edu.eg - a_s_abdel_moneim@yahoo.com
Language skills	V. Good command in English

ACADEMIC DETAILS - HIGHER EDUCATION

1-Bachelor in Veterinary Medicine (BVSc) in Dec.1994 .
Institution: Faculty of Veterinary Medicine, Cairo Univ., Beni-Suef branch.
Final graduation: Very Good
2-Master degree in Veterinary Virology (MVSc) in March 1999.

Institution: Faculty of Veterinary Medicine, Cairo Univ., Beni-Suef branch.

The title of the thesis: The immunomodulating effect of *Nigella sativa* on chickens vaccinated with NDV, IBDV, T-dependent and T-independent antigens.

3-Ph.D. degree in Veterinary Virology in Feb. 2003.

Institution: Faculty of Veterinary Medicine, Cairo Univ., Beni-Suef branch.

The title of the thesis: Physicochemical, Molecular, and Biological Characterization of a Novel Genotype of Infectious Bronchitis Virus in Egypt.

LIST OF PUBLICATIONS

1. **Abdel-Moneim, A. S.**, Abdel-Ghany, A. E., Shany, S.A.S. 2010 Isolation and characterization of highly pathogenic avian influenza virus subtype H5N1 from donkeys. *J. Biomed. Sci.* **17**:25.
2. **Abdel-Moneim, A. S.**, Shany, Fereidouni S., S. A.S., Eid, B. T. M., El-Kady, M. F., Harder, T. and Keil, G. M. 2009 Sequence diversity at haemagglutinin cleavage site of recent Egyptian H5N1 isolates. *Arch. Virol.* 154(9):1559-1562
3. **Abdel-Moneim, A. S.**, Pzlotowski, P., Veits, J., Keil, G. M. and Teifke, J. P. 2009. Immunohistochemistry for detection of avian infectious bronchitis virus strain M41 in the nervous system and proventriculus of embryonic chicken. *Virology J.* **6**:15
4. Höhle, C., Schirmer, H. Blohm, U., Köllner, B. Teifke, J. P., **Abdel-Moneim, A. S.**, Brehm, K., Haas, H., Rodriguez, F. and Keil, G.M. 2008 Baculovirus-based vaccination induces immune responses against foot-and mouth-disease virus in mice and conveys protection from lethal rabbit haemorrhagic disease virus infection in rabbits. *EPIZONE Italy Second Annual Meeting EPIZONE 4-6th June 2008 ORAL PRESENTATION*
5. **Abdel-Moneim, A.S.** and Tamam S. M. Bovine Parapoxvirus: Isolation and pathogenicity studies. *Beni-Suef Vet Med J* 2007, 17:28-36.
6. **Abdel-Moneim, A.S.**, El-Sawah, A. A. A. and Kandil, M. A. 2006. Characterization of variant strain of Newcastle Disease Virus in Egypt . *Beni-Suef Vet Med J* 16:(1)12-17.
7. **Abdel-Moneim, A.S.**, El-Kady, M.F., Ladman, B.S. Gelb.J. Jr. 2006 S1 gene sequence analysis of a nephro-pathogenic strain of avian infectious bronchitis virus in Egypt . ***Virology J.* 3:78.**
8. **Abdel-Moneim, A.S.** and EL-Gawad, M. A. 2006. Genetic variations in maternal transfer and immune responsiveness to infectious bursal disease virus. ***Vet. Microbiol.* 114: 1624.**
9. Abu-El-Saad A.S. and **Abdel-Moneim, A. S.** 2005. Modulation of macrophage functions by sheep poxvirus provides clues to understanding interaction of the virus with host immune system. ***Virology J.* 2:22.**
10. Tamam, S. M. and **Abdel-Moneim, A. S.** 2005. Detection of bovine herpesvirus type 1 and bovine ephemeral fever virus antigens in cattle lymph nodes using three immunological assays 11th Sci. Cong., Fac. Vet. Med., Beni-Suef Univ. Egypt . 15(2): 203-207.
11. **Abdel-Moneim, A. S.**, Madbouly, H. M. and El-Kady, M. F. 2005. In vitro characterization and pathogenesis of Egypt/Beni-Suef/01; a novel IBV genotype. 11th Sci. Cong., Fac. Vet. Med., Beni-Suef Univ. , Egypt . 15(2): 127-133.
12. Abd El-Gawad ,M. A., El-Kady, M.F. and **Abdel-Moneim, A.S.** 2004. Trial for improving protection against infectious bursal disease virus in vaccinated chicks by two natural immunomodulators. 6th Sci. Conf. Egyp. Vet. Poult. Assoc. 214-223.
13. **Abdel-Moneim, A.S.**, Madbouly, H.M., Gelb.J. Jr., and Ladman, B.S. 2002. Isolation and identification of Egypt/Beni-Seuf/01, a novel genotype of infectious bronchitis virus. *Vet Med J Giza* 50:1065-1078.
14. Madbouly, H.M., **Abdel-Moneim, A.S.**, Gelb.J. Jr, Ladman, B.S. and Rofael, N. B.

2002 . Molecular characterization of three Egyptian infectious bronchitis virus isolates. Vet Med J Giza 50:1053-1064

15. Madbouly, H.M., El-Kady, M.F., and **Abdel-Moneim, A.S.** 1999. The immunomodulating effect of Nigella sativa on chickens: I The effect of N.sativa (seeds & oil) on cellular and humoral immune responses. J. Egypt. Med. Assoc. 5:1497-1511.

16. Madbouly, H.M., El-Kady, M.F., and **Abdel-Moneim, A.S.** 1999. The immunomodulating effect of Nigella sativa on chickens: II The effect of N.sativa seeds on IBDV infection in chickens. J. Egypt. Med. Assoc. 5:1513-1533 .

PROFESSIONAL DETAILS

1. Name of employer:

College of Medicine and Medicinal Sciences, Taif University, Saudi Arabia
Assoc. Prof. Microbiology Department (Virology) from Sept. 2009 till now

2. Name of employer:

Faculty of Veterinary Medicine Cairo Univ., Beni-Suef branch, Egypt .

Position:

a. Demonstrator in Virology Department from Sept.1996 till May 1999.

b. Assistant lecturer in Virology Department from May1999 till March 2003.

c. Lecturer in Virology Department from March 2003 till March 2008.

d. Assoc. Prof. Virology Department from March 2008 till now

Beni-Suef branch becomes independent university since 1/8/2005.

Responsibilities

1) TEACHING/ INSTRUCTION:

Medical and clinical virology
Pharmaceutical microbiology (Virology)
Fundamental and systemic veterinary virology
Diagnostic Virology
Immunology

2) RESEARCHING:

My current researches are on viral immunity, vaccinology and viral diagnostics.

3) THESIS SUPERVISION :

Ph.D. Thesis

Serological and virological studies on avian influenza in Egypt . Ph.D. Thesis by Bahaa Taha Mohamed Eid. Faculty of Veterinary Medicine, Beni-Suef University, Egypt .

Supervisors: **Completed**

Prof. Magdy F. Elkady Professor and head of poultry diseases and department, Vice Dean of post graduate affairs.

Dr. Ahmed S. Abdel-Moneim Assoc. Professor of Virology.

Master Theses

Studies on infectious proventriculitis in broiler chicken . MVSc Thesis by Ahmed Ali Mohammed. Faculty of Veterinary Medicine, Beni-Suef University , Egypt .

Supervisors: **Completed**

Prof. Magdy F. Elkady Professor and head of poultry diseases and department, Vice Dean of post graduate affairs.

Prof. Azza A. EL-Sawah Prof. of poultry diseases.

Dr. Ahmed S. Abdel-Moneim Assoc. Professor of Virology.

Molecular characterization of H5N1 from Back yard chicken in Egypt . M.V.Sc. Thesis by Salam A. S. Shany, Faculty of Veterinary Medicine, Beni-Suef University , Egypt .

Supervisors: **Completed**

Prof. Magdy F. Elkady Professor and head of poultry diseases and department, Vice Dean of post graduate affairs.

Dr. Ahmed S. Abdel-Moneim Assoc. Professor of Virology.

Studies on early diagnosis of some viral diseases of chickens. M.V.Sc. Thesis by Manal Attia Hassan, Faculty of Veterinary Medicine, Beni-Suef University , Egypt .
Supervisors:

Prof. Magdy F. Elkady Professor and head of poultry diseases and department, Vice Dean of post graduate affairs.
Dr. Ahmed S. Abdel-Moneim Assoc. Professor of Virology.

Studies on border disease virus. MVSc Thesis by Ahmed Omar. Faculty of Veterinary Medicine, Beni-Suef University , Egypt .

Supervisors:

Prof. Hanafy M. Madbouly Professor and head of Virology department.

Dr.Sabry M. Tamam Assoc.Professor of Virology.

Dr. Ahmed S. Abdel-Moneim Assoc.Professor of Virology

TECHNICAL TRAINING GRANT

6-Month Grant in Freidrich-Loeffler Institute, Germany from 1st May 2007- to 27th October 2007.

Proposals

1. Preparation of H5N1 DNA vaccine
2. Screening of Viral Causes of respiratory disease problems in broiler flocks
3. Isolation TRT virus from turkeys and preparation of different TRT vaccine from local isolates

EDUCATIONAL TRAINING COURSES

Preparation of Scientific proposal

Curriculum development course

Education technology course

Enhancement of thinking skills

Enhancement of communication skills

Enhancement of management skills

Enhancement of interactive display skills

SOME OF THE TECHNIQUES AND METHODS THAT I AM FAMILIAR WITH

Molecular diagnostic techniques

Gel electrophoresis

DNA and RNA manipulation

PCR and RT PCR as well as real time PCR

Restriction enzymes handling

Cloning in bacteria and baculovirus

Stable transfection

Protein purification

Various techniques in virus isolation

Virus isolation in embryonated chicken eggs

Virus isolation and propagation in cell culture (insect cell culture; Sf9, H5 and mammalian cell culture; Vero, MDBK, 224L as well as avian one; CEK, CEF)

Different serological techniques

ELISA(Enzyme Linked Immunosorbent Assay)

Western blot

Haemagglutination inhibition, passive

haemagglutination, agar gel precipitation test (AGPT),

IFA (immunofluorescent antibody technique).

Cellular immunity assays

Lymphocyte blastogenesis by MTT dye uptake method, Macrophage phagocytosis, oxidative burst evaluation (Superoxide dismutase, catalase, nitrogen oxide) and interleukin assays by ELISA.

Bioinformatics

Primer design

Nucleotide and amino acid analysis (Blastn, Blastp, Multisequence alignment; CLUSTRAL W)

Others

Hormone binding assay by ELISA

Fixation and staining methods,

Fluorescent material handling,

Immunocytochemistry

90 DEPOSITED SEQUENCES IN GENBANK

AF395531 IBV Published sequence (Novel genotype)
DQ487085 IBV Published sequence
DQ487086 IBV Published sequence
EU183321-EU183332 AIV Published sequence 12 seq
FJ222256-FJ222326 AIV Published sequence 71 seq
GU085506,GU991550 BVD1 Published sequence
GU371911-GU371912 H5N1 from equine, **first record**

OTHER SKILLS

Good use of IBM and related software.

MEMBERSHIP AND LEADERSHIPS

Managing editor of BSVMJ

<http://www.vetmed.bsu.edu/bsu.aspx?cid=586>

Vice president of faculty committee of cultural affairs since 2006

GENYS: German Egyptian Association of Young Scientists.

Egyptian Poultry Association.

CONFERENCES

Conference of Faculty of Veterinary Medicine Cairo Uni. Dec.2002.

Conference of Egyptian Vet. Poult. Assoc. Sept. 2004.

Conference of Faculty of Veterinary Medicine Assuit Uni. Dec.2004.

International Conference of Faculty of Veterinary Medicine Mansoura Uni. April 2005.

Conference of Faculty of Veterinary Medicine Beni-Suef Uni. Sept. 2005

Conference of Faculty of Veterinary Medicine Beni-Suef Uni. Nov. 2007

3rd Int. Conference of Toxicology Zafarana 2008

REFEREE NAMES AND ADDRESS

Prof.Günther M. Keil

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Prof. Magdy F. El-Kady Vice dean of postgraduates and

research affairs Faculty of Veterinary Medicine, Beni-

Suef University , Egypt .

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Prof. Fawzi Reyad El-Seedy Vice dean of

undergraduates' affairs, Faculty of Veterinary Medicine,

Beni-Suef University , Egypt .

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