

NAME: Abdelmagid Adlan Hamed Babiker  
DATE OF BIRTH: January 1, 1965  
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(ARC), Gezira Research Station  
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DATE OF FIRST APPOINTMENT: May, 1992

RANK AT FIRST APPOINTMENT: Researcher assistant

PRESENT OCCUPATION: Coordinator of Plant Pathology  
Program, ARC, Sudan  
(Associate research professor)

### **QUALIFICATION OBTAINED:**

1. Bachelor of Science (B.Sc.) in Crop Protection, Faculty of Agriculture, University of Khartoum, 1991.
2. Master of Science (M.Sc.) in Plant Pathology (Virology), Faculty of Agricultural and Food Sciences, American University of Beirut (AUB), Lebanon, 1996.
3. Doctor of Philosophy (Ph.D.) in Plant Pathology (Virology), Faculty of Agricultural Sciences, University of Gezira, 2007.

### **GRADUATE RESEARCH PROJECTS**

1. **B. Sc. Thesis:** Ecological studies on faba bean necrotic yellows virus: virus- vector relationship and yield loss assessment.
2. **Ph.D. Thesis:** Epidemiology and Management of Chickpea Chlorotic Dwarf Virus (CpCDV) in Chickpea (*Cicer arietinum*) in River Nile State– Sudan.

### **SHORT TRAINING COURSES:**

1. Training course in plant virus diagnosis, Aleppo, Syria, International center for Agricultural Research in Dry Areas (ICARDA), 1994.

2. Training course in legume diseases and their control, Aleppo, Syria, International center for Agricultural Research in Dry Areas (ICARDA), 1996.
3. Training course in the diagnosis of Bauyod disease on date palm and its management, 12-17/11/2005, Algeria.

### **CONFERENCES AND WORKSHOPS ATTENDED:**

1. Traveling workshop on Cool- Season Food Legumes, Cairo, March, 1999
2. The Regional Coordination Meeting of Nile Valley and Red Sea Regional Program (NVRSRP) on Cool- Season Food Legumes and Cereal, Khartoum, October, 2000
3. The Regional Coordination Meeting of Nile Valley and Red Sea Regional Program (NVRSRP) on Cool- Season Food Legumes and Cereal, Cairo, 2001.
4. The Regional Coordination Meeting of Nile Valley and Red Sea Regional Program (NVRSRP) on Cool- Season Food Legumes and Cereal, International Centre for Agricultural Research in Dry Areas (ICARDA) Aleppo, Syria 2002.
5. The Regional Coordination Meeting of Nile Valley and Red Sea Regional Program (NVRSRP) on Cool- Season Food Legumes and Cereal, Senna, Yemen, 2003.
6. The Regional Coordination Meeting of Nile Valley and Red Sea Regional Program (NVRSRP) on Cool- Season Food Legumes and Cereal, (ICARDA) Aleppo, Syria 2004.
7. The Second National Pest Management Conference, 6-9 December 2004, Faculty of Agricultural Sciences, University of Gezira, Sudan.
8. Faba bean Expert System Verification Workshop, 1-3 October, 2005, Cairo, Egypt
9. The 12<sup>th</sup> International Symposium on plant virus Epidemiology 28 January- 1 February 2013, Arusha, Tanzania

### **FELLOWSHIP**

Received a fellowship from the German Academic Exchange (DAAD) and spent three months from 1 April- to 30 June 2007 as a visiting researcher at the Julius Kuehn Institute working in the laboratory of Dr. Josef Vetten on the biological, serological and molecular characterization of cowpea mild mottle virus.

## ACADEMIC ACTIVITIES

1- Participation in the training of undergraduate students, university of Wadi Elneel.

2- Co- advisor, external and internal examiner for the following thesis

**Eslam Gasmelseed Mohamed Ahmed.** M.Sc. The Occurrence and Characterization of Viruses Causing Cassava Mosaic Diseases in Sudan. November 2007.

**Sahar Salah Eldein Mohamed Beheiry.** M.Sc. Evaluation of Bronopol, Starner and *Acacia nilotica* Pods Water Extract on Growth of Selected *Xanthomonas campestris* Pathovars. February 2009.

**Betijowk Job Orach deng.** M. Sc. Laboratory and Green house evaluation of the fungicide Carboxin (Vitavax200ff), the Bio agent *Trichoderma harzianum* and the ethanol extract of Neem (*Azadirachta indica*) against chickpea wilt. August 2009.

**Yousif Hussein Adam Mohamed Ali.** M.Sc. Biological and Host Range of the Fungus (*Macrophomina phaseolina* Taassi). March 2010

**Afrah Osman Saeed Ali.** M. Sc. Determination of Fungi Present on Sorghum Grains (*Sorghum bicolor.* L) in Traditional and Modernized Stores in The Gezira State, Sudan. March 2010.

**Abdelhady Taha Mohamed Hassan.** M. Sc. Studies on Cercospora Leaf Spot Diseases ( *Cercospra spp*) and Evaluation of some Groundnut (*Arachis hypogaea* L.) genotypes against infection in Kadugli Areas. February 2010.

**Ali Musa Mahdi Suliman.** M. Sc. Aflatoxin Contamination of Groundnut (*Arachis hypogeal* L) in Sandy Belt of Southern Kordofan State. November 2010.

**Nada Aloom Marthog Elmedani.** M. Sc. Inoculation Methods, Host range and Efficacy of selected fungicides on fusarium Wilt ( *Fusarium oxysporium* f. sp. *Cicer*) on chickpea (*Cicer arietenum* L) . May 2012

**Hamza Eltayeb Mohamed Ahmed Shantor.** M. Sc. Evaluation of different Inoculation Methods and Effect of Water Extracts of Some Plants on the Growth of Potato Ring Rot Bacterium *Clavibacter michiganensis* susp Sopedonicus, March 203

## **PUBLICATIONS:**

### **JOURNAL ARTICLES**

1. **A. A. Hamed**, K. M. Makkouk and S. G. Kumari. (2002). Occurrence and management of chickpea chlorotic dwarf virus in chickpea fields in northern Sudan. *Phytopathology Mediteranean*. 41: 193- 198.
2. K. M. Makkouk, **A. A. Hamed**, M. Hussein and S. G. Kumari (2003). First report of faba bean necrotic yellows virus (FBNYV) infecting chickpea (*Cicer arietinum* L.) and faba bean (*Vicia faba* L.) in Sudan. *Plant Pathology* 52(3), 412.
3. **Abdelmagid A. Hamed** and Gassim A. Dafalla. (2010). Virus-vector relationships of chickpea chlorotic dwarf virus (CpCDV) and sesame jassid (*Orosius orientalis* ) in chickpea. *Gezira Journal of Agricultural Science* (accepted).
4. **Abdelmagid Adlan Hamed**, Jamal Elkhair and Awad Elfahal. (2010). A Note on an Outbreak of Cowpea Mild mottle Virus (CPMMV) in Common Bean in the River Nile State, Sudan. *University of Khartoum journal of Agricultural Science*, 18(3), 422-427, 2010.
5. **Abdelmagid Adlan Hamed**, and Abdalla Hussein Nouri. (2010). Effect of the site of Infection Source and some Onion Genotypes on Management of onion Yellow dwarf Virus in the River Nile State, Sudan. *University of Khartoum journal of Agricultural Science*, 19(3), 341-354, 2011.

- 6 E. Fiallo-Olivé; **A. A. Hamed** E. Moriones and J. Navas-Castillo, First Report of *Tomato chlorosis virus* Infecting Tomato in Sudan. *Plant Disease* 95 (12), 2011d
- 7 Elvira Fiallo-Olivé a, Abdelmagid Hamedb, Jesús Navas-Castilloa, Enrique Morionesa, Cotton leaf curl Gezira alphasatellite associated with tomato leaf curl Sudan virus approaches the expected upper size limit in the evolution of alphasatellites. *Virus research* (2013)
- 8 **Abdelmagid Adlan Hamed** (2013). Temporal and spatial spread of chickpea chlorotic dwarf virus (CpCDV) in chickpea in northern Sudan. *The 12<sup>th</sup> International Symposium on plant virus Epidemiology 28 January- 1 February 2013, Arusha, Tanzania*

### NATIONAL PESTS and DISEASES COMMITTEE

1. **Abdelmagid A. H.**, Mutwakil A. M., Aymen A., Piete J. A., and Amani E.E. (2009). Evaluation of Ortiva 250 SC (azoxystrobin) and Devisulphur 80 WP (sulphur) fungicides for control of powdery mildew in tomato. Proceeding of the 81th Meeting of the National Pests and Diseases Committee, November 2009, Agricultural Research Corporation, Wad medani.
2. Hassan O. K., **Abdelmagid A. H.**, Abdalla A. M., Betijok, J. O., Khansa M. M. and Amani E.E. (2009). Evaluation of the efficiency of regent 500 FS and Premis 25 FS seed dressing for the control of flea beetle *Podagrica* spp. And diseases of cotton. Proceeding of the 80th Meeting of the National Pests and Diseases Committee, June 2009, Agricultural Research Corporation, Wad medani.
3. **Abdelmagid A. H.**, Jamal E. K. and Awad F. (2008). An outbreak epidemic of cowpea mild mottle virus (CPMMV) in common bean in River Nile State in season 2004/2005. Proceeding of the 79th Meeting of the National Pests and Diseases Committee, December 2008, Agricultural Research Corporation, Wad medani.
4. Mutwakil A. M., **Abdelmagid A. H.**, Aymen A., Piete J. A., and Amani E.E. (2008). Evaluation of some fungicides for the control of powdery mildew, *Leveillula taurica*, in tomato. Proceeding of the 79th Meeting of the National Pests and Diseases Committee, December 2008, Agricultural Research Corporation, Wad medani.

5. Mutwakil A. M., **Abdelmagid A. H.**, Piete J. A., and Amani E.E. (2008). Evaluation of the efficacy of Maxim XL 035 FS as seed treatment for controlling pathogenic seed bed loss in cotton. Proceeding of the 78th Meeting of the National Pests and Diseases Committee, June 2008, Agricultural Research Corporation, Wad medani
6. Hyder Abdlgadir, Tag Elsir E. A., **Abdelmagid A. H.**, and Mutwakil A. M., (2008). Evaluation of the efficacy of new Formulation of Imidacloprid and Tubuconazole Seed- Dressing treatment against insect pests and diseases of. Proceeding of the 78th Meeting of the National Pests and Diseases Committee, June 2008, Agricultural Research Corporation, Wad medani.
7. Mutwakil A. M., , Tag Elsir E. A., Mohamed Elfatih K. A., **Abdelmagid A. H.**, Ahmed A., Aymen A., Amani E. and Piete J. A. (2007). Evaluation of Apron Star 42% WS and caucho 70% WS for the control of stunt, wilt and root rot diseases and pod borer in chickpea. Proceeding of the 77th Meeting of the National Pests and Diseases Committee, October 2007, Agricultural Research Corporation, Wad medani.
8. **Abdelmagid A. Hamed**, Mohamed A. Abdalla, Amani T. Elhag, Rawda Y. Elhabieb and Lubna E. Khidir (2013). Evaluation of Revus Top 500 SC (mandipropamid 25% and difenoconazole 25%) fungicide for the control of powdery mildew and early blight in tomato, June 2013, Agricultural Research Corporation, Wad medani.
9. **Abdelmagid A. Hamed**, Hyder Abdelgadir, Amani T. Elhag, Khalid Dafalla and Rania Araki (2013). Evaluation of Nubrid Max 363 FS (imidacloprid 360 and tubuconazole 3) for the control of cotton seedling diseases and flea beetle, June 2013, Agricultural Research Corporation, Wad medani.
10. Nafisa H. Baldo, **Abdelmagid A. Hamed** and Mohamed A. Abdalla (2013) Efficacy of Centric 50 WP ( 45% mncozebe + 5 %cymoxanil) for te control of early and late blight in potato, June 2013, Agricultural Research Corporation, Wad medani.

### **OTHER ACTIVITIES**

- Participation in the project entitled: Technology generation and dissemination for Sustainable Production of Cereals and cool-season Food legume (ICARDA).
- Participation in farmers field days on winter legume crops (Faba bean, Chickpea, Common bean and Lentil), 1996- 2006.
- Participation in training of undergraduate students.
- Member of the steering committee of the *Orbanche spp* control project in River Nile State, 2004.
- Member of the committee for the evaluation of the winter cropping season during 2003, River Nile State.

المشاركة في اعداد مشروع دراسة ومكافحة مرض عفن قاعدة الساق بنخيل التمر

عضو اللجنة الفنية للعتاء العام للمبيدات

عضو اللجنة لاجازة توصيات الاوراق المقدمة في اجتماع اللجنة القومية للأفات و الأمراض

عضو اللجنة لدراسة ظاهرة الذبول و اليباس في محصول القطن في المشاريع المروية

### **Area of interest**

Major areas of interest are to understand the epidemiology of plant diseases  
The second area is the identification of the hosts of the most important diseases in Sudan. The third area of interest is the determination of the effect of intercropping system, resistant crop varieties, cultural practices as components of integrated diseases management in the control of plant diseases.

### **Contact referees**

1. **Prof. Adil Omer Salih, DG, Deputy . ARC, Sudan**  
**Phone: + 249129206814**
2. **Prof. Saddig Suluman Mohamed, ARC, Wadmedani**  
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