



## C.V.

### Mohamed Yousif Adam Abubaker Ph.D. Plant Pathologist

Department of Pests and Plant Health, College of Agriculture, University of Bahri, P.O. Box 1660, Khartoum North-Sudan.

#### Personal Data

Place and Date of Birth	Khartoum, 1967
Nationality	Sudanese
Marital Status	Married/ Four children
Recent Post	Associate Professor, College of Agriculture, Dept. of Pests and Plant Health, University of Bahri, Khartoum-Sudan
E. Mail	moyousif10@hotmail.com
Cell phone	+249 912938537 +249 123 804755

#### Academic Qualifications

Doctor of Philosophy in Plant Pathology (Molecular Plant Virology)  University of Khartoum (Collaboration with Humboldt University, Berlin) 2003-2008  Scholarship from: German Academic Exchange Services (DAAD) (2003-2006)	Thesis title: <i>Detection and diagnosis of important virus and virus-like diseases in commercial citrus orchards in some tropical areas of Sudan.</i>  Humboldt University- Berlin Faculty of Agriculture and Horticulture, Department of Phytomedicine Berlin, Germany - All research and training were carried out in Germany. - Samples collection was done in Sudan
--	--

<p>Master of Science in Plant Pathology (Plant Virology)</p> <p>University of Khartoum 1994-1997</p>	<p>Thesis Title: <i>Occurrence and influence of Sudanese onion yellow dwarf potyvirus (OYDV) isolates on the common bulbing onion (Allium cepa L.).</i></p>
<p>B.Sc. Honors in Agriculture (Crop Protection) 1984-1991</p>	<p>Faculty of Agriculture, University of Khartoum, Sudan</p> <p>The whole class was frozen for the academic year 84/1985.</p>

## **Professional Experience**

<p>Associate Professor of Plant Pathology (July 2019)</p> <p>Assistant Professor of Plant Pathology (January 2010-2018)</p> <p>University of Bahri Faculty of Agriculture, Dept. of Pests and Plant Health</p> <p>Assistant Professor of Plant Pathology (January 2009-2010)</p> <p>University of Juba College of Natural Resources and Environmental Studies, Dept. of Agricultural Sciences</p>	<p>Teaching (some include demonstrating, seminar leading, graduate studies research supervision):</p> <ul style="list-style-type: none"> <li>- General Plant Pathology</li> <li>- Advanced Plant Pathology</li> <li>- Plant Virology</li> <li>- Seed Pathology</li> <li>- Plant Mycology</li> <li>- Plant Bacteriology</li> <li>- Diseases of Field and Horticultural crops</li> <li>- Methods and techniques in Plant Pathology</li> <li>- Introduction to Molecular Biology</li> <li>- Microbiology</li> <li>- Plant Viroids</li> <li>- Vectors in relation to plant diseases</li> <li>- Postharvest pathology</li> <li>- Epidemiology of diseased plants</li> <li>- Physiology of diseased plants</li> </ul>
---	---

<p>Assistant Professor of Plant Pathology (Part time) 2009-2010</p> <p>University of Khartoum, Faculty of Agriculture, Dept. of Crop Protection</p>	<p>Teaching (include demonstrating and seminars ): (Master students)</p> <ul style="list-style-type: none"> <li>- Advanced Plant Pathology</li> <li>- Method and techniques in Plant Pathology</li> </ul>
<p>Lecturer June1998-2003</p> <p>University of Juba College of Natural Resources and Environmental Studies, Dept. of Agricultural Sciences</p>	<p>Teaching (include demonstrating and seminars leading):</p> <ul style="list-style-type: none"> <li>- General Plant Pathology</li> <li>- Crop Pest and Diseases</li>   <li>- Diseases of Field and Horticultural crops</li> <li>- Plant Virology</li> <li>- Plant Bacteriology</li> <li>- Plant Mycology</li> </ul>
<p>Teaching Assistant March 1993-1997</p> <p>University of Juba College of Natural Resources, and Environmental Studies, Dept.of Agricultural Sciences</p>	<p>Conducting and preparing practical classes in :</p> <ul style="list-style-type: none"> <li>- Plant Mycology</li> <li>- Plant Bacteriology,</li> <li>- Plant Virology</li> <li>- General Plant Pathology</li> </ul>
<p>Teaching Assistant (Part time) 1993-1997 University of Khartoum, Faculty of Agriculture, Dept. of Crop Protection</p>	<p>Conducting and preparing practical classes in :</p> <ul style="list-style-type: none"> <li>- Plant Mycology</li> <li>- Plant Bacteriology,</li> <li>- Plant Virology</li> <li>- General Plant Pathology</li> </ul>

---

## **Extra Curricular Activities**

- Director, Directorate of Cultural Relations and Information, University of Bahri, 2011-2014 and 2017-2019.
- Supervision and co-supervision of BSc, M.Sc. and Ph.D. students and reviewing some papers for publication.
- External and internal examiner for master and PhD students
- A Member of some editorial scientific journals board.
- A member of the University of Bahri Senate Council, August 2011-2014, January 2017-2019.
- A member of the University of Bahri Deans Board, August 2011 -2014, January 2017-2019.
- A member of the Faculty Board since August 2011
- A member of the Curriculum Design and development committee, Faculty of Agriculture, University of Bahri.
- A member of many university and faculty committees.
- A member of the Quality and Development Council, 2011-2014 and 2017-2019.
- A member of the Deanship of the Scientific Research Council, 2011-2014 and 2017-2019.
- A Member of the High Council for Agriculture and Revival Secretariat General (Horticulture sector) since 2008-2018.
- Expert in the field of fruit tree diseases (Trainer in the field of fruit trees sector in the Sudanese Standards and Metrology Organization), 2007-2008.
- A training for many Farmers and Extension Workers.
- Journalist and announcer in the Sudan Radio and Sudan TV.

<p><b><u>Language Skills</u></b></p>	<p>Arabic: Mother tongue</p>
	<p>English : Read, Write, Speak</p>
<p><b><u>Membership of Societies</u></b></p>	<ul style="list-style-type: none"> <li>- Member of the Sudanese Crop Protection Society.</li> <li>- Member of the Sudanese Society of Environment Protection.</li> <li>-Member of the Sudanese Bee keeping Society.</li> <li>- Member of the Sudanese Agricultural Engineers Union</li> </ul>
<p><b><u>Computer Skills</u></b></p>	
	<p>Good experience in the internet and computer software in addition to the use of the Internet.</p>
<p><b><u>Research Techniques</u></b></p>	<p>I am competent in the following techniques:</p> <ul style="list-style-type: none"> <li>- Serodiagnosis Techniques</li> <li>- Polymerase Chain Reaction (PCR)</li> <li>- Some Bioinformatics' Programs</li> </ul>
<p><b><u>Research Work</u></b></p>	<ol style="list-style-type: none"> <li>1. Citrus Diseases <ul style="list-style-type: none"> <li>- Citrus bacterial canker</li> <li>- Citrus greening</li> <li>- Citrus viroids (CVII and CEVD)</li> <li>- Citrus tristeza virus (CTV)</li> </ul> </li> <li>2. Onion diseases <ul style="list-style-type: none"> <li>- OYDV</li> </ul> </li> <li>3. Potato diseases <ul style="list-style-type: none"> <li>- Potato Scab</li> </ul> </li> <li>4. Branch wilt disease of Banyan shade trees (<i>Nattrassia mangiferae</i>)</li> </ol>

- 
- |  |   |
|--|---|
|  | <ol style="list-style-type: none"><li>5. Date palm diseases<ul style="list-style-type: none"><li>- black scorch disease<br/>(<i>Thielaviopsis paradoxa</i>)</li></ul></li><li>6. Mango diseases<ul style="list-style-type: none"><li>- Mango malformation<br/>(<i>Mangifera indica</i> L)</li></ul></li></ol> |
|--|---|
- 

## **Publications**

---

1. Abubaker, M. Y. A., Gabbani, M. F. M, , Elhassan, S. M. 2018. Occurrence and influence of Sudanese onion yellow dwarf potyvirus isolates on the common bulbing onion (*Allium cepa* L.). *ARJA*. 10 (3):1-18.
  2. Gabbani, M. F. M, Abubaker, M. Y. A., A. Irabi, A. I. A, Elhassan, S. M. 2018. Amelioration of biotic stress induced by onion yellow dwarf potyvirus on onion seed crop using nutrition. *ARJA*. 9 (2):1-14.
  3. Irabi, A. I. A, Abubaker, M. Y. A, Elhassan, S. M. 2017. Efficacy of fungicides for in vitro control of date palm black scorch disease agent (*Thielaviopsis paradoxa*). *JABB*. 18 (2):1-8.
  4. Abubaker, M. Y. A., Elhassan, S. M., Buettner, C. 2017. Diagnosis of molecular analysis of *Citrus Exocortis Viroid* (CEVd) in citrus orchards in Sudan. The First National Conference in Bioinformatics and Genomics in Sudan (NCBG). National Hall, Alkadro Campus, University of Bahri, Khartoum
  5. North, Sudan 27-28 November 2017, pp. 51 (Abstract).
  6. Abubaker, M. Y. A., Elhassan, S. M., Irabi, A. I. A. 2017. Further investigations on *Citrus tristeza virus* (CTV) in Sudan using molecular techniques. *JABB*. 12(3): 1-9.
-

- 
7. Abubaker, M. Y. A., Elhassan, S. M., Irabi, A. I. A. 2017. First report of *Citrus tristeza virus* (CTV) disease in commercial citrus orchards in Sudan. *ARJA*. 3(1): 1-11.
  8. Irabi, A. A. I, Elhassan, S. M., Abubaker, M. Y. A., and Ali, A. M. 2017. Effect of sulphur and irrigation regimes on potato common scab development in Khartoum Area. *ARJA*. 3(2): 1-10.
  9. Irabi, A., I. A., Elhassan, S. M., Abubaker, M. Y. A., 2017. Role of infected seed potato tuber in contamination of land and clean potato stocks with common scab. *JABB*. 12(1): 1-8.
  10. Abubaker, M. Y. A., Abu Dibar, O. A. B., Elhassan, S. M., Yousif, N. M. E. 2016. First report of citrus bacterial canker disease in lime (*Citrus aurantifolia* Swingle) in Gadaref State-Eastern Sudan. *Agric. Biol. J. N. Am.* 7(5): 254-265.
  11. Abubaker, M. Y. A., Elhassan, S. M. 2010. Survey and molecular detection of two citrus viroids affecting commercial citrus orchards in the Northern part of Sudan. *Agric. Biol. J. N. Am.* 1 (5): 930-937.
  12. Abubaker, M.Y. A. 2009. Detection and diagnosis of important virus and virus-like diseases in commercial citrus orchards in some tropical areas of Sudan. Ph.D. Thesis, University of Khartoum.
  13. Abubaker, M. Y. A., Elhassan, S. M., Von Bargen, S., Buettner, C. 2006. Investigations on citrus tristeza virus (CTV) in Sudan. The First Symposium on the Use of Genetic Engineering and Biotechnology in Agricultural Research. El Fatih M. Mahdi (ed.). Ministry of Municipal Affairs and Agriculture in cooperation with Islamic Development Bank. Doha, Qatar 5-6 June 2006, pp.21-40.
  14. Abubaker, M., Von Bargen, S., Bandte, S., Elhassan, S., Buettner, C. 2005. Citrus tristeza virus disease and its spread in citrus orchards in Sudan. Fourth Joint Meeting of Dutch and German Plant Virologists. WICC, Wageningen, Netherlands 10-11 March 2005, pp.57 (Abstract).
-

---

## **Scientific papers prepared for publication**

Abubaker, M. Y. A., Elhassan, S. M., Awadalla, I. A. I. 2022. Molecular analysis of *Hop stunt viroid* (HSVd), affecting citrus species in the commercial citrus orchards in some tropical areas of Sudan.

Abubaker, M. Y. A., Elhassan, S. M., Awadalla, I. A. I. 2022. Diagnosis and molecular analysis of *Citrus Exocortis Viroid* (CEVd) in citrus orchards in Sudan.

## **Workshops, Conferences and Training Courses**

1. The First National Conference in Bioinformatics and Genomics in Sudan (NCBG). National Hall, Alkadro Campus, University of Bahri, Khartoum North, Sudan 27-28 November 2017.
2. Training course in: Bioinformatics (theoretical and practical), Higher Council for Total Quality and Excellence, Alroia Alsabaa for Management Training and Human Resources Development, Khartoum, Sudan 23-28 January 2016.
3. Training course in: Curriculum Design Development, Directorate of Quality and development, University of Bahri, Khartoum, Sudan 26-31 May 2012.
4. Training course in: Evaluation and national standards to grantee the quality assurance in the higher education in Sudan. Higher Commission for Evaluation and Accreditation, Ministry of Higher Education and Scientific Research, Khartoum, Sudan 23-27 October 2011.
5. The first African Congress in Pesticides and Toxicology Sciences, Wad Medani-Sudan 8-11 November, 2008.
6. Workshop: Technology and production of citrus and mango seedlings. SSMO, Shambat, 27-1 November 2007.
7. Deutche Tropentag, University of Hohenheim, Stuttgart, Germany 11-13 October 2005.
8. Fourth Joint Meeting of Dutch and German Plant Virologists. WICC, Wageningen, Netherlands 10-11 March 2005. Deutcher Tropentag. University of Humboldt-Berlin, Germany 5-7 October, 2004.



- 
9. The first African Congress in Pesticides and Toxicology Sciences, Wad Medani-Sudan 8-11 November, 2008.
  10. Workshop: Technology and production of citrus and mango seedlings. SSMO, Shambat, 27-1 November 2007.
  11. Deutche Tropentag, University of Hohenheim, Stuttgart, Germany 11-13 October 2005.
  12. Deutcher Tropentag. University of Humboldt-Berlin, Germany 5-7 October, 2004.

---

## References

---

1. Prof. Siddig M. El Hassan  
Faculty of Agriculture, University of Khartoum, Sudan  
Cell Phone: +249 912 601 622
2. Prof. Dawoud Husein  
Agricultural Research Corporation, Khartoum, Sudan  
Cell Phone: +249 918278 757
3. Prof. Ayoub Adam Mohamed Khalil  
College of Forestry, University of Bahri.  
Cell Phone: +249 123 004 722

