

# CV

| <b>Personal Information</b> |   |
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| <b>Name:</b>                | Abdelmalik Omar Ahmed IDRIS   |
| <b>Place of Birth:</b>      | Al-Genina, Western Darfur, Sudan  |
| <b>Nationality:</b>         | Sudanese  |
| <b>Civil status</b>         | Married   |
| <b>Mobile phone :</b>       | +249912953363 - +249123232431   |
| <b>E. mail:</b>             | <a href="mailto:malikidris1977@hotmail.com">malikidris1977@hotmail.com</a>  |
| <b>Languages</b>            | Arabic and English  |
| <b>Education</b>            |   |
| <b>2019</b>                 | Diploma of translation, Sudan National Center for Languages, Gadarif, Sudan.  |
| <b>2011 – 2014</b>          | Doctoral of Philosophy (PhD) in Biosciences and Biotechnology (Microbiology), Faculty of Engineering and Technology, University of Gezira, Sudan (Funded by German Academic Exchange Service (DAAD))  |
| <b>2006 – 2009</b>          | Master of Sciences (MSc.), Faculty of Engineering and Technology, University of Gezira, Sudan   |
| <b>1997 – 2003</b>          | Bachelor (BSc) of Education and Sciences in Biology and Chemistry (first class), Faculty of Education, University of Gadarif, Sudan   |
| <b>Training</b>             |   |
| <b>2019</b>                 | <p>Training course on evaluation of University students, University of Gadarif, Sudan</p> <p>Training course on professional Ethics, University of Gadarif, Sudan</p> <p>Training on coaching and facilitation skills of proposal writing and fund raising for development and small business projects, ZOA organization Gadarif, Sudan.</p> <p>Training course on Quantitative statistical analysis methods, University of Gadarif, Sudan.</p> <p>Training on Good governance principles and sustainable development goals based management for CSO networks, ZOA organization Gadarif, Sudan.</p> <p>Projects Monitoring and Evaluation training course (<b>M&amp;E</b>), University of Gadarif, Sudan.</p> |
| <b>2018</b>                 | <p><b>TOT</b> course in illegal migration, human trafficking and smuggling, University of Gadarif, Faculty of community in collaboration with France Embassy Khartoum</p> <p><b>TOT</b> course in business management and how to start business, organized by German Cooperation (GIZ), Gadarif.</p> <p>Preparing projects fund proposals, organized by Sudanese environment conservation organization, Gadarif, Sudan</p>  |
| <b>2016</b>                 | <p>SPSS training, University of Khartoum, Sudan</p> <p>PhD proposal writing training, Organized by German Academic Exchange Service (DAAD), University of Khartoum, Sudan.</p> <p>Training on Educational management and planning, Ministry of Higher Education, Sudan</p>  |

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|   | Staff Members Professional Development Training course, University of Gadarif, Sudan<br>Training course on Applications of Molecular Biology and Bioinformatics   |
| <b>2015</b>   | Strategic and operational planning training, University of Gadarif, Sudan<br>Basic Molecular Biology Techniques Training Course   |
| <b>2014</b>   | Electronic Library Resources training, Organized by German Academic Exchange Service (DAAD), University of Al-Zaim Al-Azhary, Sudan.  |
| <b>2010</b>   | Research Methodologies Course, University of Kordofan, Sudan  |
| <b>Professional Development</b>   |   |
| <b>2018 to present</b>  | Associate professor at Department of Biology and Chemistry, University of Gadarif, Sudan  |
| <b>2017to 2020</b>  | Director of Scientific Research and Foreign Relations   |
| <b>2017</b>   | Research stay in Molecular Genetics lab, Faculty of Sciences, Technical University of Dresden, Germany (May to July 2017) Funded by (German Academic Exchange Service (DAAD))   |
| <b>2015–2017</b>  | Assistant professor and Head of Department of Biology and Chemistry, Faculty of Education, University of Gadarif, Sudan<br>A part timer in Academic of Health Sciences teaching Alternative Medicine course since 2016. |
| <b>2014 - 2015</b>  | Guest scientist in Molecular Genetics lab, Faculty of Sciences, Technical University of Dresden, Germany  |
| <b>2012- 2014</b>   | Faculty of Education Registrar, University of Kordofan, Sudan   |
| <b>2009- 2012</b>   | Lecture and Head of Department of Biology, Faculty of Education, University of Kordofan, Sudan  |
| <b>2009 - 2006</b>  | Teaching assistant, Department of Biology, Faculty of Education, University of Kordofan, Sudan  |
| <b>1996 - 2006</b>  | Clark and Inspector Assistant, Judiciary Authority (Western Darfur, Head quarter in Khartoum and Gadarif state)   |
| <b>Awards</b>   |   |
| University of Gadarif award for distinguished researcher for the year 2018  |   |
| <b>Memberships</b>  |   |
| Member of Dawahe for Sustainable Development Organization (Volunteer organization), Gadarif<br>Member of German Academic Exchange Services Alumni<br>Member of DAAD Alumni Association Sudan executive office member<br>Member of Faculty of Education board, University of Kordofan, Sudan<br>University of Kordofan senate board<br>Member of Faculty of Education board, University of Gadarif, Sudan<br>University of Gadarif senate board member<br>University of Gadarif Curriculum Upgrade member<br>Member of Examinations committees<br>University of Gadarif Scientific research board member<br>University of Gadarif Electronic web site committee member<br>University of Gadarif Taseel and Arabicization board member<br>University of East Kordofan Curriculum Upgrade member |   |

### Training courses I conducted

- 1- Awareness training on illegal migration to local communities in Kunina villige, Basonda locality, Gadarif, 2018 (Collaboration between Faculty of Community in collaboration with France embassy in Khartoum)
- 2- CV writing and how to prepare to interviews organized by GIZ, Gadarif office, 2018
- 3- How to start and Manage business organized by Peace Friends Organization Gadarif office, 2019

### Publications

- 1- **Abdel Moneim, E. Suleiman and Abdelmalik O. A. Idris, Nawaf I. Alshammari and Eitimad H. Ahmed.** (2020). Exploiting the Genetic Diversity of Rhizobia to Produce Universal Inoculants with High Quality. *Biosc.Biotec.Res. Comm*, 13(2).
- 2- **Abdelmalik Idris and Abdel Moneim, E. Suleiman.** (2020). Screening of Endophytic Bacteria Associated with Legumes Grown in Gadarif State, Sudan. *journal of Biotechnology Research (In press)*.
- 3- **Abdelmalik O. A. Idris and Abdel Moneim, E. Suleiman.** (2020). Multi-locus Sequence Analysis of different Genes Helps to Avoid Rhizobium-Legume incompatibility. *Sudan Journal of Science and Technology (In press)*.
- 4- **Abdelmalik Idris.** (2016). Comparative Analysis of *16SrRNA* gene of *Klebsiella sp.* Isolated from Groundnut and Some American Type Culture Collections. *Banat 's Journal of Biotechnology*. DOI: 10.7904/2068-4738-VII(13)-34 – 40.
- 5- **Abdelmalik O. A. Idris.** (2016). Detection of Molecular differences of *Klebsiella* isolated from groundnut from Sudan and Argentina using *16SrRNA* and *nifH* genes sequences Alignment. *International Journal of Scientific Research in Knowledge*, 4(2): 33-39.
- 6- **Abdelmalik O. A. Idris<sup>1</sup>**, Awad Mohamed Abdel Rahim<sup>1</sup> and Abdelmoniem Elhadi Suliman<sup>2</sup>. (2015). Effect of Some Abiotic Factors on Growth of Sudanese Fast Growing *Kelbsiella* like Bacteria Isolated from Groundnut. *Sudan Journal for Basic sciences (SJBS), B No. (7)*.
- 7- **Abdelmalik, O. A. Idris<sup>1</sup>**, Awad, M. Abdel Rahim<sup>1</sup> and Abdelmoniem, E. Suliman<sup>(2)</sup>. (2015). Isolation and Biochemical Characterization of Bacteria Isolated from Groundnut (*Arachis hypogaea* L) in Sudan. *International Journal of Scientific Research in Knowledge*, 3(11): 270-276.
- 8- **Abdelmalik, O. A. Idris<sup>1</sup>**, Awad, M. Abdel Rahim<sup>1</sup> and Abdelmonem, E. Suliman<sup>3</sup>. (2015). Response of Groundnut to Nitrate and Inoculation with Bacteria isolated from three different regions in Sudan and its Effect on Mineral Content of the Shoot system. *International Journal of Scientific Research in Knowledge* 3(11): 247-254.
- 9- **Abdelmalik O. A. Idris<sup>1</sup>**, Awad M. Abdel Rahim<sup>1</sup>, Abdelmoniem E. Suliman<sup>2</sup>. (2015). Inoculation of Groundnut (*Arachis hypogaea* L.) with *Klebsiella* like Bacteria Isolated from Sudan using Charcoal and Groundnut Shells as Carriers. *SUST Journal of Natural and Medical Sciences (JNMS)* 16 (1) : 157 - 162.
- 10- **Abdelmalik O. A. Idris<sup>1</sup>**, Awad M. Abdel Rahim<sup>1</sup>, Abdelmoniem E. Suliman<sup>2</sup> and Prof. Michael Gottfert<sup>3</sup>. (2015). Presence of *nifH* gene in Fast Growing *Klebsiella* like Bacteria Isolated from Groundnut Root Nodules in the Sudan. *International Journal of life Sciences Research*. 3(1): 199 – 204.
- 11- **Abdelmalik O. A. Idris<sup>1</sup>**, Awad M. Abdel Rahim<sup>2</sup>, Abdelmoniem E. Suliman<sup>3</sup> and Michael Gottfert<sup>4</sup>. (2015). Molecular characterization of Bacteria Isolated from Groundnut (*Arachishypogaea* L.). *International Journal of life Sciences Research*. 3(1): 140 – 148.
- 12- Abdel-Rahim, A.M<sup>1</sup>, **Abdelmalik O. A. Idris<sup>1</sup>** and Suliman A. E<sup>2</sup>. (2012). Antifungal and Antimicrobial Activity of Onion and Garlic Extracts. *Gezira J. Of eng& applied. Sci.* 7(1): 51 – 76.

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| <b>Books</b>   |
| <b>Abdelmalik Idris.</b> (2016). Phenotypic and Genotypic Characterization of Groundnut Bacteria. LAMBERT Academic publishing, Germany. ISBN (978-3-659-82254-4).  |
| <b>Submitted scientific papers (under review)</b>  |
| 1- Elnour Alamin Gibreel <sup>a</sup> , Abdel Gabar Nasir Gumaa <sup>b</sup> , Abdelmalik Omar Ahmed Idris. Comparative Eco-study of the diversity of the woody species of El-Gash area in Kassala state and other regions in Sudan. Plant diversity Journal.  |
| <b>Papers under preparation</b>  |
| 1- Abdelmalik O. A. Idris, Abdel Moneim, E. Suleiman and Michael Gottfert. Molecular Biodiversity of Rhizobia Isolated from Root Nodules of Some Economical Important Legumes in Gadarif State – Sudan<br>2- Abdelmalik O. A. Idris. Study of the Mechanism Used by Endophytic Bacteria to Colonize Legumes Roots<br>3- Abdelmalik O. A. Idris <sup>(1)*</sup> , Mohamed I. Raheel and Elshiekh A. Ibrahim <sup>(2)</sup> . Application of locally isolated Rhizobia is promising technology for degraded soil reclamation.  |
| <b>Projects</b>  |
| 1- Soil Microflora in Different Regions Ecosystems in Sudan is destroyed by Heavy Metals and Pesticides over use<br>2- Searching for Slow Growing <i>Bradyrhizobium</i> in Gadarif State Soil<br>3- Molecular Biodiversity of Rhizobia Associated with Medicinal Legumes in Gadarif State, Sudan<br>4- Plant Growth Promoting Bacteria (Book in Arabic)  |
| <b>Post graduate Supervision</b>   |
| 1- Main supervisor for two students (one PhD and one MSc) at University of Gadarif, one MSc student in University of Kordofan<br>2- Co-supervisor for one MSc student at Omdurman Islamic University   |
| <b>Reviewing Scientific papers in Journals</b>   |
| Reviewer in University of Kassala Journal  |
| <b>Referees</b>  |
| 1- Prof. Dr. Awad Mohamed Abdel-Rahim, Faculty of Sciences, University of Gezira, Sudan. <b>Contact:</b> Mobile: 00249126533507.<br>2- Prof. Dr. Abdel Moneim El-Hadi SuliemanHamad, Faculty of Science, University of Hail, Hail, Kingdom of Saudi Arabia <b>Contacts:</b> Mobile (+966538081679 – e-mail: <a href="mailto:abuelhadi@hotmail.com">abuelhadi@hotmail.com</a> .<br>3- Prof. Dr. Michael Gottfert, Institute of Genetics, TU Dresden, Germany. <b>Contacts:</b> Telephone: 004935146334000 - Fax: 004935146339579. E. mail: <a href="mailto:michael.goettfert@tu-dresden.de">michael.goettfert@tu-dresden.de</a> .<br>4- Dr. Susanne Zehner Institute of Genetics, TU Dresden, Germany. E. mail: <a href="mailto:susanne.zehner@mailbox.tu-dresden.de">susanne.zehner@mailbox.tu-dresden.de</a> .<br>5- Assoc. Prof. Viliana Vasileva, PhD, Institute of Forage Crops "General Vladimir Vazov" Str. 89 Pleven 5800 Bulgaria Tel: + 359 886 06 54 61 E mail: <a href="mailto:viliana.vasileva@gmail.com">viliana.vasileva@gmail.com</a> . |