**CURRICULUM VITAE**

1. **Name in full**: Hassan Bolanle Lateefat
2. **P. No:** P.21,330
3. **Department:** Department of Plant Science
4. **Date and Place of Birth**: 10th December, 1980, Kano
5. **Local Government Area**: Offa
6. **State of Origin**: Kwara
7. **Nationality:** Nigerian
8. **Marital Status**: Married
9. **Gender:** Female
10. **International languages spoken:** English, Yoruba and Hausa.
11. **Current Contact Address**: Department of Plant Science,

Ahmadu Bello University,

Zaria, Kaduna State

1. **Permanent Home Address**: Zango, Jama’a Zaria, Kaduna State
2. **Date of First Appointment with the University**: 22/12/2011
3. **Date of Last Promotion**: 01/10/2018
4. **Date of Confirmation**: 13/05/2015
5. **Present Rank Senior Research Fellow**
6. **Telephone Number:** +2348078636603,+2347034707849
7. **Email:** [lbhassan@abu.edu.ng](mailto:lbhassan@abu.edu.ng) & haslat2000@yahoo.com

**19. Qualifications, Educational Institutions from where obtained and Dates:**

1. PhD in Plant Physiology, Ahmadu Bello University, Zaria (2021)
2. Msc in Plant Physiology, Ahmadu Bello University, Zaria (2015)
3. B. Agric (second class upper) Ahmadu Bello University, Zaria (2008)
4. Senior School Certificate, Government Okin High School, Kwara State (2000)
5. Primary School Certificate, St Cyprian, Offa, Kwara State (1993)

**20. Additional Education/Qualification With addresses and date: computer literacy,**

**continuing education**

* 1. Certificate in Data Processing
  2. Stakeholder Workshop on Monitoring and Evaluation Organized by Institute for Agricultural Research, Ahmadu Bello University, Zaria. 20th-21st December, 2012
  3. Training on the principles and application of Atomic Absorption Spectroscopy (AAS) and X-ray Fluorescence (XRF). Organized by Multi-user Science Research Laboratory (MUSRL), Ahmadu Bello University, Zaria, 1st -4th April, 2014
  4. Training workshop on Basic genomics organized by African Biosciences in collaboration with National Animal Production Research Institute (NAPRI), Ahmadu Bello University, 5th April, 2017
  5. Training workshop on Basic Bioinformatics organized by African Biosciences in collaboration with National Animal Production Research Institute (NAPRI), Ahmadu Bello University, 7th April, 2017
  6. Training workshop on grantmanship and scientific writing organized by African Biosciences in collaboration with National Animal Production Research Institute (NAPRI), Ahmadu Bello University, 8th April, 2017
  7. Training Workshop on operation and management of National Farmers helpline from 18th-19th December, 2017 organized by Interra Training Institute held at Institute for Agricultural Research, Ahmadu Bello University, Zaria.

**21. Working Experience with Dates:**

1. Research fellow I 01/10/18 till date
2. Research Fellow II, 19/01/2015
3. Assistant Research Fellow, 22/12/2011- 18/01/2015
4. Agriculture and Biology Teacher, Unity Schools, Zaria, Kaduna State 2010-2011
5. Agricultural Teacher, Ikata Community Secondary School, Ahoda, Rivers State (2009)\
6. Researcher at Kamitawa farm, Gora village, Nassarawa State (2009-2010)

**22. Teaching Experiences with Dates**:

1. **Undergraduate Teaching**

PLSC 312: Physiology of Crop Growth and Development, an undergraduate course taking at Ahmadu Bello University, Zaria, Kaduna State (2015- till date)

1. **Postgraduate teaching**

PLSC 732: Basic Botany of crops a postgraduate course in diploma (PGD) taking at Ahmadu Bello University, Zaria, Kaduna State (2016- till date)

1. **Postgraduate Diploma supervision:**

Evaluation of different methods of breaking dormancy and curcumin content determination in tumerics

**23. Research/Extension Experience with Dates:**

1. B.Agric Project: Economic analysis of two-crop mixtures in Giwa Local Government Area, Zaria, Kaduna Stata. 2007
2. Msc thesis: *In vitro* production of anthocyanin from karandafi red sorghum. 2011-2014
3. *In vitro* regeneration in sorghum through somatic embryogenesis. 2013 till date
4. Production of Breeder Seeds, Maize Improvement Programme, IAR/ABU 2015 till present
5. PhD Dissertation: *In vitro and in situ* production of apigeninidin from red sorghum (*Sorghum bicolor* (L.) Moench). 2015-2021(completed)
6. Macro propagation and micro propagation of banana 2017 till date
7. Evaluation of different methods of breaking dormancy and curcumin content determination in tumerics
8. Micropropagation and Macro propagation of Napier Grass
9. Micropropagation and Macro propagation of Date Palm

**24. Routine Administrative duties with Dates**:

1. Member of ICT committee of Department of Plant Science appointed from 2019 till date.
2. Departmental time table officer, Department of Plant Science, Ahmadu Bello University, ABU Zaria, from 2021 till date

**25. Positions held with Dates:**

**1.**  Senior Research Fellow 01/10/2021 till date

**2** Research Fellow - 01/01/2018 to 30/09/2022

3 Research Fellow II - 19/01/2015 to 30/09/2022

4 Assistant Research Fellow - 22/11/2011- 18/01/2015

**26. Professional Services/honor Societies/Memberships to Professional**

1. Member, Agricultural Society of Nigeria (ASN)
2. Member, Biotechnology Society of Nigeria (BSN
3. Member, Genetic Society of Nigeria (GSN)

**27. Community Services**:

**a) Nation/State: Nill**

**b) University/Institute/Centre/Faculty/Department:**

Generous contribution of a month gross salary to ABU second phase endowment fund (2013/2015)

**28. International Conferences/Workshops Attended/Organized with Dates:**

3rd Biennial International Conference on Biotechnology and National Development (ICOBAND) held at Godfrey Okoye University, Enugu. 24-29 August, 2015

**29. Local Conferences Attended/Organized with Dates**:

1. 46th Annual Conference of Agricultural Society of Nigeria, held at Bayero University Kano, between 5th -9th November, 2012. Participant.
2. 28th Annual Conference of Biotechnology Society of Nigeria held at Godfrey Okoye University Enugu, held between 24th -29th August, 2015
3. 31st Annual Conference of Biotechnology Society of Nigeria held at Covenant University Ota, Ogun State, held between 5th -9th August, 2018
4. 42nd Annual Conference of Genetic Society of Nigeria held at Nigerian Defence Academy, Kaduna held between 9th -13th December, 2018
5. 44th Annual Conference of Genetic Society of Nigeria held at Ahmadu Bello University, Zaria, Kaduna State held between 11th -14th October, 2021

**30. Publications/Articles:**

1. **In Peer Reviewed Journals**

i. **Hassan, L.B, 1** Usman, I.S., Usman , A.1, Ibrahim, H., Ahmed, H.O, Mohammed, R.S.   
(2021) . Effect of *Colletotrichum graminicola* on apigeninidin production, yield and yield components in Red Sorghum (*Sorghum bicolor* (L) Moench. *Journal of Agriculture and environment (JAE).* 17(1): 99-112**. Published by Usmanu Danfodio University, Sokoto**

ii. Ahmed, H.O,. Echekwu, C.A., Usman, A., Oyekunle, O, **Hassan, L.B.,** Abdulmalik, R.O and Lawan, Z.M. (2019): Effect of Thermal Irradiation on Selected Groundnut (*Arachis hypogeal* L.) Genotypes. *Nigerian Journal of Genetics.* 33(1):30-34. **Published by** **Genetic Society of Nigeria (GSN)**

iii. Oyekunle, M., Ado, S.G., Usman, I.S, Abdulmalik, R.O., **Hassan, L.B**., Ahmed, H.O and Muhammad, A.Y. (2019). Gains in grain yield of released maize (*Zea mays* L.) cultivars under drought and well-watered conditions. **Experimental Agriculture,** **1-11. Cambridge Core, Cambridge University, United Kingdom (UK). doi:10.1017/S0014479719000048.**

iv. **Hassan, L.B, 1\*** Usman, I.S.,1 Usman , A.1, Ibrahim, H.2, Ahmed, H.O1, Mohammed, S.1 (2018) . Enhancement of Pigment Production from ‘Karandafi’ Red Sorghum (*Sorghum bicolor* (L.) Moench). A Prospective Cure for Sickle Cell Anaemia, *Covenant Journal of Physical & Life Sciences (CJPL)* .1 (2):46-52. **Published by Convenant university, Ota, Abeokuta.**

v. Oyekunle M., Abdullahi U.S., Hassan L.B. and Yahaya M.A. (2018). Genetic variance, correlation and heritability for grain yield in a medium-maturing yellow endosperm maize population. Ife journal of Agriculture, pp 30(2) 33-43. **Published by Obafemi Awolowo University (OAU), Ile Ife**

vi. Ahmed, H.O., Echekwu, C.A., Ishiyaku, M.F., Katung, M.D., Oyekunle, M., **Hassan, L.B.** and Lawan, Z.M. (2018). Induction of genetic variability in groundnut (*Arachis hypogaea* l.) varieties using neutron irradiation. *Nigerian Journal of Scientific Research*. 16(4):518-523. **Published by Ahmadu Bello University, Zaria**

vii. Oyekunle, M, Menkir, A., Mani, H.,  Olaoye, G., Usman, I.S, Ado, S.G.,  Abdullahi, U.S., Ahmed,H.O., **Hassan, L.B**., Abdulmalik, R.O. and Abubakar, H. (2017). [Stability analysis of maize cultivars adapted to tropical environments using AMMI analysis.](http://real.mtak.hu/55133/) Cereal Research Communications, 45 (2). pp. 336-345. **Published by Akadémiai Kiadó, Hungarian Academy of Science, (HAS), Hungary.**

viii**. Hassan, L.B,** I.S Usman, M.D. Katung and S.M. Bugaje (2014): Optimum Protoc2wwol for Shoot formation in Karandafi red sorghum (*Sorghum bicolor* (L) Moench) through Somatic embryogenesis. *American Journal of Plant Sciences* (AJPS). 5: 671-675. **Published by SCIRP**

ix. **Hassan, L.B,** I.S Usman, M.D. Katung and S.M. Bugaje (2014): Optimum Protocol for Shoot formation in Sorghum (*Sorghum bicolor* (L) Moench) through organogenesis. *International Journal of Applied and Natural Sciences* (IJANS). 3 (1): 85-88

x. Sami R. A., Yeye M.Y., Usman I.S., **Hassan L.B.**, Usman M. (2013). Studies on genetic variability in some sweet sorghum (*Sorghum bicolor* L. Moench) genotypes. *Academic Research Journal* *of Agriculture and Research,* 1(1):1-6

b) **Books/Monographs/Guides/Manuals/Novels/Indexes/MusicalCompositions, etc**

**i. Hassan, L.B,** I.S Usman, M.D. Katung and S.M. Bugaje (2020): Effect of PGRs and Nature of ex-plants on Plant Regeneration in Karandafi Red Sorghum (*Sorghum bicolor* (L) Moench) through Somatic embryogenesis. *In Recent Research Advances in Biolog*y (Vol 3, pp 92-97) UK: **Book Publisher International**

**ii. Hassan, L.B,** Usman, I.S., Usman , A.1, Ibrahim, H., Ahmed, H.O, Mohammed, S.1 (2021).Pigment Production in Callus Culture of ‘Karandafi’ Red Sorghum (*Sorghum bicolor* (L.) Moench). A Probable Cure for Sickle Cell Anaemia. *In Recent Research Advances in Biolog*y (Vol 8, pp 32-38) <https://doi.org/10.9734/bpi/rrab/v8/8410D>. UK: **Book**

**Publisher International**

**c)** **In Official Conference Proceedings:**

**i. Hassan, L.B**., Usman, I.S., Katung, M.D., Bugaje, S.M, Ahmed, H.O. and Sami, R.S. (2021): Callus induction using embryonic explant of red sorghum (Sorghum bicolor (L) Moench). **Proceedings in the 44th Annual Genetics Society of Nigeria, Kaduna State, 11 – 14th October, 2021, Pg 142-147**

ii. Adekanye, P.S., Abdulmalik, R.O, Sami, R.A, Usman, M., Ahmed, H.O and **Hassan L.B.** (2021): Performance evaluation of released sorghum (*Sorghum bicolor* (L.) Moench) varieties for yield and related traits. **Proceedings in the 44th Annual Genetics Society of Nigeria, Kaduna State, 11 – 14th October, 2021, Pg 336**

iii. Sami, R.A., Norvienyku, J., Lin, L., Wang, Z., Usman, A., Mohammed, S., Usman, M., Abdulmalik, R.O., Ahmed, H.O. and **Hassan, L.B*.* (**2019)**.**Short-chain acyl-CoA dehydrogenases (Scads) promotes stress tolerance, conidiogenesis and pathogenesis in *Magnaporthe oryzae.***Proceedings in the 43rd Annual Conference of Genetics Society of Nigeria, Lagos State, 7th – 11th October, 2019, Pg 130-139.**

iv. Ahmed, H.O., Echekwu, C.A., Oyekunle, M., **Hassan, L.B.,** Abdulmalik, R.O. and Lawan, Z.M. (2018). Mutation breeding. An effective tool for groundnut improvement. **Proceedings in the 2nd SPGS Biennial International Conference at Ahmadu Bello University, Zaria, Kaduna State, Nigeria 22nd – 25th October, 2018, Pg**

**v. Hassan, L.B,** Usman, I.S., Usman, A. and Ibrahim, H.(2018) **.** Effect of Anthracnose on Pigment production, Yield and Yield Component of Four Different Landraces of Sorghum (Sorghum bicolor (L) Moench). **Proceedings in the 42nd Annual Conference of Genetics Society of Nigeria, Kaduna State, 9th – 13th  December, 2018, Pg 321-326**

vi. Ahmed, H.O, Oyekunle, M**, Hassan, L.B**, Abdulmalik, R.O, Sami, R.A and Lawan, Z.M (2018): Genetic variability and correlation studies of grain yield and related agronomic traits in maize genotypes. **Proceedings in the 42nd Annual Conference of Genetics Society of Nigeria, Kaduna State, 9th – 13th  December, 2018, Pg 133-139**

vii. Ahmed, H.O., A. Usman, Z.M. Lawan, **L.B. Hassan**. (2014). Genetic variability for oil quality in groundnut (*Arachis hypogaea* (L) WALP). In: **Proceedings of the 38th Annual conference of the Genetics society of Nigeria, Benin from 19th-23rd October, 2014.**

viii. Mohammed, B.S**.,** Abdulmalik, R.O., Sami, R.A. and **Hassan, L.B**.(2012).Engineering crop plants with *Bacillus thuriengiensis.* **Edited proceedings of the 46th Annual Conference of Agricultural Society of Nigeria, held at Bayero University Kano, 5th -9th November, 2012.** {Editors: J.M. Jibrin, M.A. Hussaini, B.M. Auwalu, E.U. Essiet, I.R. Muhammad, S.G.Mohammed, M.I. Daneji, Y. Garba and S.A. Pantami}pp. 386-395.

**ix. Hassan, L.B**., Usman, I.S., Usman , A., Ibrahim, H., Ahmed, H.O, and Mohammed, S. Enhancement of Pigment Production from ‘Karandafi’ Red Sorghum (*Sorghum bicolor* (L.) Moench). (2018). A Prospective Cure for Sickle Cell Anaemia. **Book of Abstract for 31st Annual and International Conference of Biotechnology Society of Nigeria (BSN) held at Convenant University, Ota, Ogun State**

x. Mohammed S., **Hassan, L.B**. and Mohammed, M. (2018). Codon Optimised *cry1Ah* and *cry2Ah1* confer a High level of Protection against Cotton Bollworm in Tobacco: The Prospective Candidates for Gene Stacking Strategy – Review**. Book of Abstract for the 31st Annual and International Conference of Biotechnology Society of Nigeria (BSN) held at Convenant University, Ota, Ogun State**

**xi. Hassan L.B**, Oyekunle M, Ahmed H.O, Abdulmalik R.O, Aliyu R.Sand Usman M.(2017):  **Potential of *in vitro* screening for drought tolerance in crops. Book of abstract and poster presented at interDrought-V international Conference, Hyderabd, India**.

xii. Ahmed, H.O., Echekwu, C.A Oyekunle, M**., Hassan, LB**, Usman, A., Lawan, Z.M, Usman, M, Abdulmalik, R.O,and Aliyu, R.S.(2017). Drought tolerance traits: Indices of resistance to pre-harvest aflatoxin in groundnut (Arachis hypogaea L.). **Book of Abstact and poster presented at interDrought-V international Conference, Hyderabd, India.**

xiii. Ahmed, H.O., Echekwu, C.A., Oyekunle, M., **Hassan, L.B**., Abdulmalik, R.O. and Lawan, Z.M. (2017). Performance of groundnut (*arachis hypogaea* l.) Mutants generated using thermal neutron irradiation. In: **Book of Abstracts of the 41th Annual conference of the Genetics society of Nigeria, Makurdi from 15th-19th October, 2017.**

xiv. Abdulmalik, R. O., Menkir, A., Ado, S.G., Aba, D.A., Oyekunle, M., Ahmed, H.O., Shaibu, A.S., **Hassan, L.B.,** Usman, M. Testcross performance and yield stability of bi-parental maize population under multiple-stress environments. **41st Annual Genetics Society of Nigeria, Book of Abstract, Makurdi, 15th–19th October, 2017, Page 60.**

xv. Ahmed, H.O., C.A. Echekwu, M.D. Katung, M.Oyekunle, **L.B. Hassan** and Z.M, Lawan (2016): Radio-sensitivity of selected groundnut (*Arachis hypogeal*) genotypes exposed to neutron irradiation. **Book of Abstact of 40th Annual conference of the Genetics society of Nigeria, Jos**

xvi. Oyekunle, M.A Menkir, S.G, Ado, I.S. Usman, H.mani, A.D.Halilu, , H.Abubakar, H., Ahmed and **L.B. Hassan** (2015). Performance of pro-vitamin a maize hybrids under multiple environments based on GGE biplot analysis. In:D.J.U. kalla, S.T. Mbap, A.J. Nayaya, Y.P. Mancha and M.. Abdulkarimu (Eds). **Book of abstract of 39th Annual conference of the Genetics society of Nigeria, Bauchi, Nigeria. 27-31 October, 2015. 39:131-194**

**xvii. Hassan, L.B**., Sami, R.A., Ahmed, H.O. and Abdulmalik, R.O (2015): *In vitro* production of Secondary metabolites using Bioreactor and Elicitor. **Book of Abstract for the 28th Annual and International Conference of Biotechnology Society of Nigeria (BSN) held at Godfrey Okoye University, Enugu**

**d)** **Publications in Newspapers/Magazines**

**e)** **Art exhibition:** NIL

**f) Scholar database identification numbers**

Scopus Author ID: <https://www.scopus.com/authid/detail.uri?authorId=57194512230>

Google scholar: <https://scholar.google.com/citations?user=Ghrml4oAAAAJ&hl=en>

ORCID ID: <https://orcid.org/my-orcid?orcid=0000-0002-0313-988X>

**31. Research output, Invention /Innovations/Crop Variety Recommendations Awards**:

i. Oyekunle, M., A Menkir, S.G, Ado, I.S. Usman, H.mani, A. U.S. Abdullahi, H.Abubakar, A.D.Halilu , R. Abdulmalik, **L.B. Hassan** and H.O. Ahmed (2016). Nomination of Drought and Striga Tolerant intermediate Maturing White Maize Variety (SAMMAZ 51) for Registration and Release in Nigeria

ii. Oyekunle, M., A Menkir, S.G, Ado, I.S. Usman, H.mani,, U.S. Abdullahi, H.Abubakar, A.D.Halilu, R. Abdulmalik, **L.B. Hassan** and H.O. Ahmed (2016). Nomination of Drought and Striga Tolerant intermediate Maturing White Maize Variety (SAMMAZ 50) for Registration and Release in Nigeria

iii. Oyekunle, M., B. Badu-Apraku S.G, Ado, I.S. Usman, G.Olaoye, M.A.B Fakorede, H.mani, U.S. Abdullahi, **L.B. Hassan** , H.O. Ahmed , R.O, Abdulmalik, H. Abubakar and J.O. Omeka.(2016). Nomination of one early maturing white Maize (Zea mays L.)Variety (SAMMAZ 48) with combined tolerance to Striga and drought for Registration and Release in Nigeria. Recommendation approved by the National Committee for Registration and Release of Crop Varieties, Livestock breeds and fisheries

iv. Oyekunle, M., B. Badu-Apraku S.G, Ado, I.S. Usman, G.Olaoye, M.A.B Fakorede, H.mani, U.S. Abdullahi, **L.B. Hassan** , H.O. Ahmed , J. Owolabi and J.O. Omeka.(2016). Nomination of two early maturing white Maize (Zea mays L.) hybrids (SAMMAZ 46 and 47) with combined tolerance to Striga and drought for Registration and Release in Nigeria. Recommendation approved by the National Committee for Registration and Release of Crop Varieties, Livestock breeds and fisheries

1. **Awards & Fellowships:**

Meritorious award in recognition of my immerse contributions towards the implementation of Stress Tolerant Maize for Africa (STMA) project during the period of 2016-2019

**32. Citations in “Who is Who” etc:**

**33. Additional Publications since last promotion**:

**i. Hassan, L.B,** Usman, I.S., Usman , A.1, Ibrahim, H., Ahmed, H.O, Mohammed, R.S. (2021). Effect of *Colletotrichum graminicola* on apigeninidin production, yield and yield components in Red Sorghum (*Sorghum bicolor* (L) Moench. *Journal of Agriculture and environment (JAE).* 17(1): 99-112**. Published by Usmanu Danfodio University, Sokoto**

ii. Ahmed, H.O., Echekwu, C.A., Usman, A., Oyekunle, O, **Hassan, L.B.,** Abdulmalik, R.O and Lawan, Z.M. (2019): Effect of Thermal Irradiation on Selected Groundnut (*Arachis hypogeal* L.) Genotypes. *Nigerian Journal of Genetics.* 33(1):30-34. **Published by** **Genetic Society of Nigeria (GSN)**

iii. Oyekunle, M., Ado, S.G., Usman, I.S, Abdulmalik, R.O., **Hassan, L.B**., Ahmed, H.O and Muhammad, A.Y. (2019). Gains in grain yield of released maize (*Zea mays* L.) cultivars under drought and well-watered conditions. **Experimental Agriculture,** **1-11. Cambridge Core, Cambridge University, United Kingdom (UK). doi:10.1017/S0014479719000048.**

iv. Oyekunle M., Abdullahi U.S., Hassan L.B. and Yahaya M.A. (2018). Genetic variance, correlation and heritability for grain yield in a medium-maturing yellow endosperm maize population. Ife journal of Agriculture, pp 30(2) 33-43. **Published by Obafemi Awolowo University (OAU), Ile Ife**

v. Adekanye, P.S., Abdulmalik, R.O, Sami, R.A, Usman, M., Ahmed, H.O and **Hassan L.B.** (2021): Performance evaluation of released sorghum (*Sorghum bicolor* (L.) Moench) varieties for yield and related traits. **Proceedings in the 44th Annual Genetics Society of Nigeria, Kaduna State, 11 – 14th October, 2021, Pg 336**

vi. Sami, R.A., Norvienyku, J., Lin, L., Wang, Z., Usman, A., Mohammed, S., Usman, M., Abdulmalik, R.O., Ahmed, H.O. and **Hassan, L.B*.* (**2019)**.**Short-chain acyl-CoA dehydrogenases (Scads) promotes stress tolerance, conidiogenesis and pathogenesis in *Magnaporthe oryzae.***Proceedings in the 43rd Annual Conference of Genetics Society of Nigeria, Lagos State, 7th – 11th October, 2019, Pg 130-139.**

**vii. Hassan, L.B,** I.S Usman, M.D. Katung and S.M. Bugaje (2020): Effect of PGRs and Nature of ex-plants on Plant Regeneration in Karandafi Red Sorghum (*Sorghum bicolor* (L) Moench) through Somatic embryogenesis. *In Recent Research Advances in Biolog*y (Vol 3, pp 92-97), <https://www.youtube.com/watch?v=lexyAZ4-YWg>. UK: **Book Publisher International**

**viii. Hassan, L.B,** Usman, I.S., Usman , A.1, Ibrahim, H., Ahmed, H.O., Mohammed, S.1 (2021).Pigment Production in Callus Culture of ‘Karandafi’ Red Sorghum (*Sorghum bicolor* (L.) Moench). A Probable Cure for Sickle Cell Anaemia. *In Recent Resgearch Advances in Biolog*y (Vol 8, pp 32-38) <https://doi.org/10.9734/bpi/rrab/v8/8410D>. UK: **Book Publisher International**

**ix. Hassan, L.B**., Usman, I.S., Katung, M.D., Bugaje, S.M, Ahmed, H.O. and Sami, R.S. (2021): Callus induction using embryonic explant of red sorghum (Sorghum bicolor (L) Moench). **Proceedings in the 44th Annual Genetics Society of Nigeria, Kaduna State, 11 – 14th October, 2021, Pg 142-147**

**34. Hobbies** (a) Reading, Research, Travelling, and Meeting people.

**35. Names and addresses of three Referees:**

1. Professor Alhassan Usman, Department of Plant Science, Institute for Agricultural Research/Ahmadu Bello University, Zaria.

Email Address:almuh2013@yahoo.com

Phone number: :+2347039009206

1. Dr. Muhydeen Oyekunle, Department of Plant Science, Institute for Agricultural Research/Ahmadu Bello University, Zaria.

Email Address: moyekunle@abu.edu.ng

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1. Dr R.O Abdulmalik, Department of Plant Science, Institute for Agricultural Research/ Ahmadu Bello University, Zaria

Email Address:rekimalik83@yahoo.com



07/11/202

