

Curriculum vitae

Personal:

Name: Hag Ibrahim, Rashid Ismael.
Sex: Male
Nationality: SUDAN.
Languages: English, Arabic, Japanese, and some Korean.



Current Address:

Department of Biological Sciences, College of Science, King Faisal University, PO Box 380, Al-Hufuf, Al-Ahsaa 31982, Saudi Arabia

Phone (office): +966- (0)3588 7440
Cell: +966 (0)5301 58323
E-mail: ribrahim@kfu.edu.sa

Current Position:

Assistant Professor (Tenure Track): Department of Biological Sciences, College of Science, King Faisal University, Al-Hufuf, Al-Ahsaa, Saudi Arabia.

Assistant Professor: Department of Botany, Faculty of Science, University of Khartoum, Sudan.

Professional Qualifications:

Post-Doctoral Fellowship (April 2008~ Mar. 2010):

Department of Botany, School of Biological and Conservation Sciences, University of KwaZulu-Natal, South Africa.

PhD in Botany, Plant Molecular Biology (Oct. 2002~Mar. 2007):

University of Kyoto, Graduate School of Agriculture, Kyoto, Japan.

M.Sc. in Botany, Genetics (Jun. 1998~Nov. 2000):

University of Khartoum, Faculty of Science, Botany Department, Khartoum, Sudan.

B.Sc. (Honor Degree, First Class) in Botany (Feb. 1991~Dec. 1995):

Khartoum University, Faculty of Science, Botany Department, Khartoum, Sudan.

Sudanese High Secondary School Certificate (Jun. 1985~Mar. 1988, Jun. 1989~Mar. 1990):

ElMehairiba High Secondary School, Gezira, Sudan. T-Union-Hashisa Elgadida Boys, Gezira, Sudan.

Gezira State Intermediate School Certificate (Jun. 1981~Mar. 1984):

ElMehairiba Intermediate School, Gezira, Sudan.

Gezira State Preliminary School Certificate (Jun. 1975~Mar. 1981):

ElFawar Elementary School, Gezira, Sudan.

Job Portfolio:

Assistant Professor⁽¹⁾ (Tenure Track): (Jan. 2013~ Up to Date)

Department of Biological Sciences, King Faisal University, Al-Hufuf, Al-Ahsaa, Saudi Arabia

Foreign Professor⁽²⁾ (Non-Tenure) (Oct. 2010~ Jan. 2013):

Department of Horticulture, Gyeongnam National University of Science and Technology, Korea

Post-Doctoral Fellow⁽³⁾ (Apr. 2008~Mar. 2010):

Department of Botany, School of Biological and Conservation Sciences, University of KwaZulu-Natal, South Africa.

Japan Exchange and Teaching Programme (JET)⁽⁴⁾ (Oct. 2005-Mar. 2007):

Osaka Prefecture; Settsu Area, Kyoto Prefecture; Tanabe Area.

Research Assistant⁽⁵⁾ (Oct. 2004~Sep. 2006):

The 21st Century Center of Excellence (COE) program, Kyoto University, Graduate School of Agriculture, Laboratory of Environmental Science and Technology, Kyoto, Japan.

Lecturer⁽⁶⁾ (Dec. 2000~ Now):

University of Khartoum, Faculty of Science, Department of Botany, Khartoum, Sudan.

Lecturer⁽⁶⁾ (Jan. 2001~Mar. 2002):

Neelain University, Faculty of Science and Technology, Khartoum, Sudan.

Teaching Assistant⁽⁷⁾ (Jan. 1999~Mar. 2002):

College of Technology Sciences, Faculty of Pharmacy, Ummdurman, Sudan.

Teaching Assistant⁽⁸⁾ (Jan. 1997~Dec. 2001):

International University of Africa, Faculty of Science, Khartoum, Sudan.

Teaching Assistant⁽⁹⁾ (Feb. 1997~Dec. 2000):

University of Khartoum, Faculty of Science, Department of Botany, Khartoum, Sudan.

Teacher⁽¹⁰⁾ (Jan. 1998~Dec. 2001):

Mahmoud Sharif Private High Secondary School, Khartoum, Sudan.

Teacher⁽¹⁰⁾ (Jan. 1997~Dec. 1999):

IbnBeidab Private High School, Khartoum, Sudan.

a Activities:

- (1) To conduct research in the fields of Plant Genomics, Biotechnology and Plant Molecular Biology.
- (1) To teach the course of Plant Cell and Tissue culture (7th level; 4th year students).
- (1) To teach the course of Lower Plants (Archegoniate; Mosses, Pteridophyta and Gymnosperms); (8th level; 4th year students)..
- (1) To teach the course of General Plant Biology (1st level; preliminary year students).
- (2) To conduct research in the field of Plant Genomics, Biotechnology and Plant Molecular Biology.
- (2) To teach general Biology and Horticultural practices (Different levels).
- (2) To teach English language for scientific purposes as well as conversational English (Different levels).
- (3) To conduct research in the fields of Plant Genomics, Biotechnology and Plant Molecular Biology.
- (4) To teach English language at Junior and High schools.
- (5) To help in and conduct research in the field of Plant Genomics, Molecular Biology, Biotechnology and biomass (cellulose degradation, basidiomycetes and termites).
- (6) To teach Theoretical and Practical Genetics.
- (7) To teach Practical Botany (Medicinal Plants) for students at different levels; Faculty of Pharmacy.
- (8) To teach Practical Biology for students at different levels; Faculty of Science.
- (9) To teach Practical Botany for students at different levels in Faculty of Science and preliminary level students of Medicine, Pharmacy and Dentistry.
- (10) To teach Biology for the three levels at high schools.

Capabilities:

1. Prosecute different laboratory experiments in the field of plant molecular biology and biotechnology.
2. Deal with DNA, RNA and protein extraction in a daily routine.
3. PCR amplification of different protocols; standard, touchdown, Long and Accurate, nested PCR, etc.
4. DNA cloning into various vectors.
5. Transformation of cloned DNA into *E.coli*.
6. Extraction of plasmids from transformed *E.coli*.
7. DNA sequencing.
8. Genomic and DNA analysis based on authorized and free online soft-wares.
9. Southern blotting.
10. RNA extraction.
11. cDNA synthesis.
12. RT-PCR.
13. Northern blotting.
14. Protein extraction.
15. SDS-PAGE.
16. Western blotting.
17. Deal with GENETIX software, which is for DNA sequence analysis.
18. Deal with BLAST, ClustalW and any other DNA analysis related tools available on the web.
19. Ability to submit DNA sequences to Databases, such as DNA Data Bank of Japan, National Center of Biotechnology Information (NCBI) and EMBL; European Molecular Biology Lab.
20. Deal with Adobe Illustrator.
21. Deal with Photoshop.
22. Work as part of a team and independently.
23. Deal with Microsoft office (word, excel, power-point, outlook, etc) and other applications (GENETIX, BLAST, ClustalW, Adobe Illustrator, Photoshop, etc) on both Microsoft Windows and Mac computers and other daily-use of tools such as internet.

Training and Special Courses:

1. How to design training portfolios (6~7 May 2014), Deanship of Academic Development, King Faisal University, Saudi Arabia.
2. Creative teaching: an integrated system for effective outcomes (6~7 Apr. 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
3. Reviewing scientific articles presented for publication (30~31 Dec. 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
4. Learning outcomes; Definition and formulation (9~10 Dec. 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
5. Strategic planning applications in higher education (1~2 Dec. 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
6. Mechanism of writing a scientific research for publishing (26~27 Nov. 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
7. Using Blackboard: Skills and tools (18~19 Nov. 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
8. International criteria for community engagement (22~23 Oct., 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
9. التهيئة ??? (25~26 Sep., 2013), Deanship of Faculty Affairs, King Faisal University, Saudi Arabia.
10. A training session on ProQuest and Ebrary Online Databases (7 May, 2013), Deanship of Library Affairs and Saudi Digital Library, King Faisal University, Saudi Arabia.
11. Skills of scientific publications (4~5 May, 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
12. Communication skills (15~16 Apr., 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
13. Using Blackboard: Skills and tools (8~9 Apr., 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
14. Thinking Engineering (6~7 Apr., 2013). Deanship of Academic Development, King Faisal University, Al-Hufuf, Al-Ahsaa, Saudi Arabia.
15. Building Evaluation skills for faculty, (16~17 Mar., 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
16. A training session on EduSearch, EcoLink, IslamicInfo and AraBase (4 Mar., 2013), Deanship of Library Affairs and Saudi Digital Library, King Faisal University, Saudi Arabia.
17. Available databases; IEEE, EBSCO, AskZad, ISI and databases for Social Sciences (3 Mar. 2013). Deanship of Library Affairs and Saudi Digital Library, King Faisal University, Saudi Arabia.
18. Setting up achievement tests according to scientific criteria (25~26 Feb., 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
19. The way to patent: Step by step (18~19 Feb., 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
20. Microsoft Publisher as a tool to prepare a research journal (16~17 Feb., 2013), Deanship of Academic Development, King Faisal University, Saudi Arabia.
21. Confocal microscope workshop (1~3 Apr., 2009), Electron-microscope Unit, School of Biological and Conservation Sciences, University of KwaZulu-Natal, Pietermaritzburg, South Africa.

22. Sudan Professional Journalist License (2000), Council of Press and Publications of Sudan.
23. Theoretical and Practical Journalism (2000), Sudan Academy of Telecommunication Sciences, Khartoum, Sudan.
24. Practical Approach in Plant Molecular Biology (11~23 Oct., 1999), International Center for Genetic Engineering and Biotechnology, (Trieste, Italy) in Collaboration with Marmara Research Center, Gebze, Turkey.
25. Training on Preparation of Principles and Methods of Teaching (22 Feb., 1997~20 Mar. 1997), Institute for Staff Skills Development, Faculty of Education, University of Khartoum.
26. Computer Skills in Word, Excel, PowerPoint, Photoshop, SPSS, Illustrator, GENETIX, BLAST, other DNA analysis open applications on the Internet on both Microsoft Windows and Mac platforms.

Conferences Attended:

1. The Fifth Symposium On Date Palm In Saudi Arabia (Biotechnology In Date Palm), (3rd~5th Nov. 2013), Date Palm Research Center of Excellence, King Faisal University, Al-Ahsa, Saudi Arabia.
2. The First West African International Workshop on Landslides and Related Geo-Disasters, (22nd~26th March 2010), Department of Geology, University of Nigeria; Nsuuka, Nigeria.
3. The 11th Annual Meeting of Research Centre for Plant Growth and Development (26th~27th Nov. 2009), School of Biological and Conservation Sciences, University of KwaZulu-Natal, Pietermaritzburg, South Africa.
4. Post-Doctoral Research Forum Day (16th~17th Nov. 2009), National Research Foundation, Pretoria, Stellenbosch, South Africa.
5. Post-Doctoral Research Forum Day (25th Nov. 2008), National Research Foundation, Pretoria, Cape Peninsula University of Technology, Cape Town, South Africa.
6. The 10th Annual Meeting of Research Centre for Plant Growth and Development (19th~21st Nov. 2008), School of Biological and Conservation Sciences, University of KwaZulu-Natal, Pietermaritzburg, South Africa.
7. The 46th Annual Meeting of the Japanese Society of Plant Physiology (24th~26th Mar. 2005), Niigata, Japan.
8. The 5th International Wood Science Symposium (17th~19th Sept. 2004), “Sustainable Production and Effective Utilization of Tropical Forest Resources”, Kyoto, Japan.
9. The 27th Annual Meeting of the Molecular Biology Society of Japan (8th~11th Dec. 2004), Kobe, Japan.
10. The 10th Anniversary of Kazusa DNA Research Institute (29th~31st Oct. 2004), 14th International Workshop, “Beyond the Identification of Transcribed Sequences: Functional, Expression and Evolutionary Analysis”, Chiba, Tokyo, Japan.
11. The 1st International Cellulose Conference (6th~8th Nov. 2002), Kyoto, Japan.

Scholarships:

1. Free-Standing Post-Doctoral Fellowship (2008~2010): National Research Foundation (NRF), Pretoria, South Africa.
2. PhD Scholarship (2002~2005): Munbusho Scholarship (Monbukagakusho), Ministry of Education, Culture, Sports, Science and Technology, Government of Japan.
3. Short Course Scholarship (1999): International Center for Genetic Engineering and Biotechnology, Trieste, Italy, and Marmara Research Center, Gebze, Turkey).
4. M.Sc. Scholarship (1998~2000): DAAD, Deutscher Akademischer Austauschdienst, German Academic Exchange Services (In country support).
5. M.Sc. Scholarship (1998~2000): University of Khartoum, Faculty of Science, Department of Botany.

Scientific Membership:

1. The Molecular Biology Society of Japan.
2. Japanese Society of Plant Cell and Molecular Biology.

Reviewer

1. Journal of Medicinal Plant Research; started 2013.
2. International Journal of Biotechnology and Food Science; started 2013.
3. International Journal of Agricultural Science; started 2013.
4. Agricultural Science Research Journal; started 2013.
5. International Journal of Microbiology Research; started 2013.
6. Herald Journal of Microbiology and Biotechnology; started 2012.
7. Reviewer; International Research Journal of Agricultural Science and Soil Science; started 2012.
8. Reviewer; African Journal for Microbiology Research; started 2011.
9. Reviewer; African Journal for Plant Sciences; started 2011.

Committee Membership:

1. Member of Committee; Evaluation of Course Outlines; Biodiversity (BIO 0816 - 447) (19 - 26 May. 2014), College of Science, King Faisal University, Saudi Arabia.
2. Member of Committee; Evaluation of Course Outlines; Basic Ecology (BIO 0816 - 213), Ecology and Animal Behavior (0816 - 446), and Plant Ecology (BIO 0618 - 111), (2 April 2014), College of Science, King Faisal University, Saudi Arabia.
3. Evaluation of Course Outlines; Basic Science 1 (2417 - 205); Preparatory Year Deanship/Basic Sciences. King Faisal University, Saudi Arabia (22 May. 2014).
4. Head of committee, Teaching Assistants Recruitment, Department of Biological Sciences, College of Science, King Faisal University, Saudi Arabia (Apr. 2014 – Up to date).
5. Head of sub-committee, Accreditation and Quality, Department of Biological Sciences, College of Science, King Faisal University, Saudi Arabia (Dec. 2013 – Up to date).
6. Member of the Committee of Staff Members Recruitment (Nov. 2013 – Up to date), College of Science, King Faisal University, Saudi Arabia.
7. Member of Committee; Selection of New Faculty Members (22nd - 24th Feb. 2011) College of Construction and Environmental Engineering, Department of Architectural Engineering / College of Humanity and Social Science, Department of Child and Family Welfare, Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju, Gyeongnam 660-758, Korea.
8. Member of committee; Website Design and University Slogan (March 2011) Department of Planning; Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju, Gyeongnam 660-758, Korea.
9. Member of Committee; Selection of New Faculty Members (30th Nov. 2011) College of Science and Natural Resource, Department of Agronomy and Oriental Medicinal Resources, Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju, Gyeongnam 660-758, Korea.
10. Member of Committee; Selection of New Faculty Members (Dec. 6th 2011) College of Bio-Science, Department of Pharmaceutical engineering, Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju, Gyeongnam 660-758, Korea.
11. Member of Committee; Selection of New Faculty Members (15th Feb. 2012) College of Science and Natural Resource, Department of Agronomy and Oriental Medicinal Resources, Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju, Gyeongnam 660-758, Korea.

Supervision:

1. Mr. Ngondya, Issakwisa Bernard; MSc in Forest Resources (2010 ~ 2012), Taxonomic importance of leaf domatia, domatia mite's preference and cpDNA-, rDNA-PCR of Cornaceae species in South Korea. Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju, Gyeongnam 660-758, Korea (South).
2. Mr. Jong-bin Ahn; MSc in Forest Resources (2012~2013), Mr. Jong-bin Ahn; MSc in Forest Resources (2012 ~ 2013), cpDNA-, rDNA-PCR of *Taxus* species in South Korea. Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju, Gyeongnam 660-758, Korea (South).

List of Publications:

a) Published:

1. Valentina Atanacković, Vladimir Randelović, **Ibrahim RIH** (2013). Morphological and anatomical observations on *Ranunculus auricomus* L. var. *biformis* L. in Vlasina Lake, Serbia. *BIOLOGICA NYSSANA* 4 (1-2): 41-48.
2. Kang SN, Goo YM, Yang MR, **Ibrahim RIH**, Cho JH, Kim IS, Lee OH (2013). Antioxidant and antimicrobial activities of ethanol extract from the stem and leaf of *Impatiens balsamina* L. (Balsaminaceae) at different harvest times. *Molecules*, 18(6): 6356-6365. (SCIE, Web of Science).
3. Kim IS, Jin SK, Yang MR, Chu GM, Park JH, **Ibrahim RIH**, Kim JY, Kang SN (2013). Efficacy of tomato powder as antioxidant in cooked pork patties. *Asian Australas. J. Anim. Sci.*, 26 (9): 1339-1346. (SCI Exp., SCOPUS, EBSCO, BIOSIS, CABI, AGRIS, AGRICOLA).
4. Ngondya IB, Choo GC, **Ibrahim RIH** (2013). Phylogeny of the selected members of family Cornaceae as inferred from PCR-RFLP analysis of chloroplast DNA (cpDNA) and internal transcribed spacer (ITS). *Forest Science and Technology*, 9 (1): 1-8. (CABI and Scopus).
5. Chu GM, Kim JH, Kim HY, Ha JH, Jung MS, Song Y, Cho JH, Lee SJ, **Ibrahim RIH**, Lee SD, Lee SS, Song YM (2013). Effects of dietary bamboo charcoal on the growth performance, blood characteristics and noxious gas emission in fattening pigs. *Journal of Applied Animal Research*, 41(1): 48-55. (Agris database, Biosis database, CAB Abstracts, Chemical Abstracts, Current Content (AB and ES), Food Science and Technology Abstracts, Indian Science Abstracts, Research Alert, Scisearch, Scopus).
6. Chu GM, Jung CK, Kim HY, Ha JH, Kim JH, Jung MS, Lee SJ, Song Y, **Ibrahim RIH**, Cho JH, Lee SS, Song YM (2013). Effects of bamboo charcoal and bamboo vinegar as antibiotic

alternatives on growth performance, immune responses and fecal microflora population in fattening pigs. *Animal Science Journal*, 84 (2): 113-120.(ISI and Medline Listed).

7. Atanackovic V, Randjelovic V, **Ibrahim RIH** (2012) Morphological and anatomical observations on *Ranunculus lingua* L. under flooding conditions in Vlasina Lake (SE Serbia). *BIOLOGICA NYSSANA* 3 (2): 97-103.
8. Park SB, An JB, Park JG, Choo GC, Ngondya IB, **Ibrahim RIH**, Shim SH. (2012). Genetic diversity in six natural populations of *Taxus cuspidata* from Baekdu trail and Jeju Island in South Korea analyzed by RAPD-DNA markers. *Forest Science and Technology*, 8(4): 210-214. (CABI and Scopus).
9. Chu GM, Kang SN, Nam JM, Kim HY, Ha JH, **Ibrahim RIH**, Park JH, Kim IS, Song YM (2012). Effects of dietary fermented persimmon diet on the meat quality of fattening pigs. *Korean Journal of Food Science for Animal Resource*, 32(5): 604-611. (WoS, SCOPUS, KSCI).
10. Cho YS, Lee BJ, Son D., **Ibrahim RIH**, Son BY. (2012). Selection and relationships between growth characteristics of silage corn after excess water treatment in early growth stage. *Korean Journal of International Agriculture*, 24(3): 362-368.
11. **Ibrahim RIH** (2012). Cloning and sequencing of the promoter and terminator regions of the *rbcL* gene from *Gunnera perpensa* L. *Sudan Journal of Science*, (5); 1. (Indexed-in Zentralblatt-Math).
12. **Ibrahim RIH**, Azuma JI, Sakamoto M (2012). PCR-RFLP and genetic diversity analysis of cpDNA in some species of the genus *Salvia* L. *Chromosome Botany*, 7: 1-8.
13. Ngondya IB, **Ibrahim RIH**, Choo GC (2011). Are poverty and illiteracy to blame for forests degradation? A case study of Mbeya range forest reserve- Mbeya-Tanzania. *Journal of Forest Science*, 27 (2): 93-99. (KCI; Korea Citation Index).
14. **Ibrahim RIH**, Azuma JI, Sakamoto M (2011) The chloroplast genome of tetraploid cultivated cotton *Gossypium barbadense* L. and *G. hirsutum* L. *Chromosome Botany*, 6(3): 67-74.
15. Ngondya IB, Kim BG, **Ibrahim RIH** (2011). Life on leaves: Which type of domatia is most preferred by foliar mites? *Journal of Agriculture and Life Science*, 45(3):19-23.
16. **Ibrahim RIH** (2011). A modified CTAB protocol for DNA extraction from young flower petals of some medicinal plant species. *Geneconserve*, 10(35): 165-182. (Indexed in CAB, CAB International, Latindex, Agris, SPARC Europe, EBSCO and DOAJ).
17. **Ibrahim RIH**, Azuma JI, Sakamoto M (2010). LA-PCR-RFLP analysis of the chloroplast DNA in some species of *Salvia*. *Chromosome Botany*, 5(4): 95-102.
18. **Ibrahim RIH**, Azuma JI, Sakamoto M (2007). LA-PCR-RFLP analysis of the whole chloroplast genomes from three cultivated species of cotton (*Gossypium* L.). *Euphytica*, 156:47-56. (SCI, SCI Exp., SciSearch, JCR/SEd., SCOPUS, CAS, Google Scholar, EBSCO, CSA, CABI, AOF, AS, AGRICOLA, BA, BIOSIS, CABA, CSAES, CC/A, BES, CIS, EB, EMB, FSTA, Gale, GR, GH, IC, INISA, OCLC, PASCAL, RZ, SCI, SSS).
19. **Ibrahim RIH**, Azuma JI, Sakamoto M (2006). The complete chloroplast genome sequence of cotton (*Gossypium barbadense* L.): A comparative study among other 9 dicot plants. *Genes and Genetic Systems*, 81(5):311-321.

b) Presented at conferences:

1. **Ibrahim RIH**. Effects of global warming on environmental conservation of plant species. The First West African International Workshop on Landslides and Related Geo-Disasters, (22nd~26th March 2010), Department of Geology, University of Nigeria; Nsuuka, Nigeria.
2. **Ibrahim RIH**, J van Staden, A transformation vector for the chloroplast genome of cotton (*Gossypium barbadense* L.), The 11th Annual Meeting of Research Centre for Plant Growth and Development (26th~27th Nov. 2009), School of Biological and Conservation Sciences, University of KwaZulu-Natal, Pietermaritzburg, South Africa.
3. **Ibrahim RIH**, Azuma JI, Sakamoto M. Analysis of ORFs from the chloroplast genome of cotton (*Gossypium barbadense* L.), Post-Doctoral Research Forum Day (25th Nov. 2009), National Research Foundation, Pretoria, Cape Peninsula University of Technology, Cape Town, South Africa.
4. **Ibrahim RIH**, Azuma JI, Sakamoto M. A set of primers for amplification of the circular chloroplast DNA from total genomic DNA of the A-genome group of cotton. The 10th Annual Meeting of Research Centre for Plant Growth and Development (19th~21st Nov. 2008), School of Biological and Conservation Sciences, University of KwaZulu-Natal, Pietermaritzburg, South Africa.
5. **Ibrahim RIH**, Azuma JI, Sakamoto M. Primers for the amplification of the circular chloroplast DNA from the A-genome group of cultivated cotton. International Cotton Genome Initiation (ICGI) Research Conference Proceedings, (July 8th~11th, 2008) Anyang, China.
6. **Ibrahim RIH**, K. Hamamoto, Azuma JI, Sakamoto M. Cotton (*Gossypium barbadense* L.) chloroplast genome. The XVII International Botanical Congress, Vienna, Austria (17th~23rd June 2005).
7. **Ibrahim RIH**, K. Hamamoto, Azuma JI, Sakamoto M. Evaluation of polysaccharide degrading activities of some fungi of the genus *Termitomyces*. The 5th International Wood Science Symposium (17th~19th Sept. 2004), “Sustainable Production and Effective Utilization of Tropical Forest Resources” JSPS-LIPI Core University Program in the Field of Wood Science, Research Institute for Sustainable Humanosphere, Kyoto University, Japan-Indonesian Institute of Sciences, LIPI, Indonesia. Japan Society for the Promotion of Science, JSPS, Kyoto, Japan.
8. Torii Kiyoshi (Kyoto Univ., JPN) Yaota Kiyoyuki (Kyoto Univ., JPN) Hata Takeshi (Kobe Univ., Fac. Agriculture, JPN) **Ismael R** (Kyoto Univ., JPN) AW A (Gezira Res. Stn., Wadmedani, Sdn) Observation of crop pattern in the Gezira Scheme of Sudan by satellite image. Proceedings of the Conference of the Remote Sensing Society of Japan (9th Oct. 2004).

c) **Books:**

1. The XO laptop in the classroom; Zdenka Salas (2009); translated from English into Arabic (2011).

d) **Courses Taught:**

1. Classification of Lower Plants (Archegoniates), 7th grade, Fourth Year, Department of Biological Sciences, College of Science, King Faisal University, The Kingdom of Saudi Arabia (2014).
2. General Biology, 1st grade, College of Veterinary Medicine, King Faisal University, The Kingdom of Saudi Arabia (2014- up to date).
3. Plant Cell and Tissue Culture, 8th grade, Fourth year, Department of Biological Sciences, College of Science, King Faisal University, The Kingdom of Saudi Arabia (2013- up to date).
4. General Biology, 1st grade, Department of Biological Sciences, College of Science, King Faisal University, The Kingdom of Saudi Arabia (2013- up to date).
5. Classification of Lower Plants (Archegoniates), 7th grade, Fourth Year, Department of Biological Sciences, College of Science, King Faisal University, The Kingdom of Saudi Arabia (2013).
6. Biotechnology and Molecular Biology, Graduate School, Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju Gyeongnam 660-758, South Korea (2012).
7. General Biology for freshmen at the College of Science and Natural Resources, which includes Department of Agronomy, Department of Medicinal Plant Resources, Department of Forest Resources, Department of Animal Life Science, Department of Horticulture, beside freshmen at the Department of Nursing Science and Department of Food Science at the College of Bio-Sciences.
8. English Language at the Department of English and the International Exchange and Language Education Center at the College of Humanity and Social Science. Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju Gyeongnam 660-758, South Korea.
9. General Biology: Biology; Concepts and Applications, 8th Edition; Cecie Starr, Christine A. Evers. And Lisa Starr, 2011. Brooks/Cole, Cengage Learning).
10. General Biology: Essentials of Life Sciences; Jianping Xu and Qingyu Wu, 2006. Thompson Press) (2010-2011).
11. Horticultural Practices, Department of Horticulture, Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju Gyeongnam 660-758, South Korea (2010).
12. American Headway, 2nd Edition; Liz and John Soars, Amanda Maris, 2011. Oxford University Press. Department of English, Gyeongnam National University of Science and Technology, 150 Chilamdong, Jinju Gyeongnam 660-758, South Korea (2011-2012).
13. General Genetics. Principles of Genetics Science (In Arabic). University of Khartoum, Faculty of Science, Department of Botany, PO Box 321, PC 11115, Khartoum, Sudan (2000-2002).
14. General Genetics. Principles of Genetics Science (In Arabic). Neelain University, Faculty of Science and Technology, Khartoum, Sudan (2001-2002).