

# Saddam Hussein Abbas BABA

Al-Qasim Green University/ Agriculture College/ Field Crop Apartment/ Hilla city/ Iraq

Phone: +9647800661808; email: [mr.abbasbaba@gmail.com](mailto:mr.abbasbaba@gmail.com)

## Personal statement

---

A professional individual with extensive knowledge linked to education, management, molecular studies in wheat of response to abiotic and biotic stress. Confident, self-motivated and versatile with an excellent achievement record in whatever project I have undertaken. As a team member I strive to create a friendly approach to my colleagues, including associated partners and the general public. Excellent time keeper, work to deadlines and produce professional and accurate work. In time of decision making I have the ability to focus and can use my previous work experience to accomplish the best results. Keen to improve and develop new area in the future.

## Key Skills

---

- Specialism in DNA extraction, PCR, gel electrophoresis, a genetic analyzer (Sequencer), Microsatellite markers for different wheat cultivars.
- Hard working, focussed, and professional.
- Experienced in supervision of undergraduate students.
- Teaching practical lesson of plant production and plant breeding and improvement.
- Proficiency in all areas of Microsoft Office, including Access, Excel, Word and PowerPoint.
- Proficiency in using different statistical analysis programs such as Minitap, SAS and SPSS.
- Good communication skills, both written and verbal.
- Supervisor for MSc students.
- Welcome personal development.
- Flair for new challenges.

## Employment History

---

*(2019 – present)* Professor Assistance. Field Crop Apartment/ Agriculture College/ Al-Qasim Green University. Supervision on the projects for undergraduate and master students in biotechnology plant breeding and Improvement.

*(2015 – 2019)* PhD from School of Biology/ Natural and Environmental Sciences/ Newcastle University with project titled (Molecular response of wheat cultivars to abiotic and biotic stress) supervised by Professor Angharad Gatehouse, Ethan Hack and Martin Edwards . My research interest to use some molecular approach use resource of defence in wheat to abiotic stress (spot blotch) and abiotic stress (Nitrogen supply). Also, I have attended as demonstration for undergraduate and master students in subjects

- Gene technology
- Microbiology

*(2014 – 2015)* Professor Assistance. Field Crop Apartment/ Agriculture College/ Babylon University/Iraq.

*(2009 – 2013)* Lecturer. Agriculture College/ Babylon University/ Iraq.

*(2005 – 2008)* Lecturer Assistance in the Field Crop Department - Agriculture College/ Mosul University/ Iraq.

Working with University teaching students wishing to achieve a degree in their chosen field. I have skills in teaching by spending 15 years in teaching for undergraduate and master students in my country (Iraq) as following:

- Principles of statistics.
- Design and Analysis Agricultural.
- Principles of Genetics.
- Cereal Crop production.
- Legumes crop production.

- Principles of Weeds.
- Principles of Seed Technology.
- Supervision on the projects for undergraduate students in plant breeding and Improvement.
- Quantitative Genetics- high

## Education

---

### Natural and Environmental Sciences/ School of Biology / Newcastle University

(2019) PhD. Biotechnology and plant breeding

### Agriculture College /University of Mosul

(2005) MSc. Field Crop / Plant breeding

### Agriculture College /University of Mosul

(1998) B.Sc. Field Crop

## Workshops

---

Document Management - Content and Layout	25/04/2017	Newcastle University/UK
How to Write an Effective CV and Covering Letter	07/04/2017	Newcastle University/UK
Design of Experiments	23/02/2017	Newcastle University/UK
Teaching/ Tutorial/ Demonstrating - 6 hours minimum (2016/17)	16/12/2016	Newcastle University/UK
Introduction to Learning and Teaching in Higher Education - demonstrating	05/12/2016	Newcastle University/UK
Induction for Continuing PGRs	27/09/2016	Newcastle University/UK
Presentation Skills Using PowerPoint	27/04/2016	Newcastle University/UK
Preparing for Progression	19/04/2016	Newcastle University/UK
Practical Statistics III	21/03/2016	Newcastle University/UK
Making an impact with your research	29/02/2016	Newcastle University/UK
Practical Statistics II	06/01/2016	Newcastle University/UK
Practical Statistics I (incorporating Introduction to R)	18/11/2015	Newcastle University/UK
Good Practice in Research	04/12/2014	Newcastle University/UK
Document Management - Content and Layout	20/10/2015	Newcastle University/UK
Induction for Continuing PGRs	01/10/2015	Newcastle University/UK
Webpace – Webpage Design Using HTML	19/07/2015	Newcastle University/UK
Getting Started with SAS Base and SAS Enterprise Guide	17/06/2015	Newcastle University/UK
Evidence Modelling - Developing and Understanding Impact (Part 1)	04/06/2015	Newcastle University/UK
Chemical Safety Training workshop	28/05/2015	Newcastle University/UK
Introduction to the PhD	21/05/2015	Newcastle University/UK
Bio and GM safety training	21/05/2015	Newcastle University/UK
Writing Your PhD Project Proposal	12/05/2015	Newcastle University/UK
ePortfolio and Personal Development Planning	07/05/2015	Newcastle University/UK
Security and Biosafety, 3 <sup>rd</sup> Introductory Workshop for Iraqis Studying in the United Kingdom/ Manchester. 22-24/07/2019	22/07/2019	Sandia National Laboratories/ UK

## Conferences

---

- Poster Presentation. Title: Molecular Response of Cereals to Biotic and Abiotic Stresses. School of Biology Postgraduate Progression Conference. Newcastle, UK December 2015.
- Oral Presentation. Title: Molecular Response of Wheat cultivars to Biotic and Abiotic Stresses. School of Biology Postgraduate Progression Conference. Newcastle, UK June 2016.
- Poster Presentation. Title: Interaction between nitrate supply and severity of spot blotch of wheat cultivars caused by *Bipolaris sorokiniana*. Food security, Biosecurity and Trade; The Role of Plant Health, Oxford, UK, September 2016.
- Poster Presentation. Title: Interaction between nitrate supply and severity of spot blotch of wheat cultivars caused by *Bipolaris sorokiniana*. North-East Postgraduate Conference, Newcastle, UK, November 2016.
- Poster Presentation. Title: Interaction between nitrate supply and severity of spot blotch of wheat cultivars caused by *Bipolaris sorokiniana*. School of Biology Postgraduate Progression Conference. Newcastle, UK December 2016.
- Poster Presentation. Title: Interaction between nitrate supply and severity of spot blotch of *Brachypodium* caused by *Bipolaris sorokiniana*. Molecular Biology of Plant Pathogens Conference, British Society of Plant Pathology, Durham, UK, March 2017.
- Oral Presentation. Title: Interaction between nitrate supply and severity of spot blotch of Iraqi wheat cultivars caused by *Bipolaris sorokiniana*. School of Biology Postgraduate Progression.
- Poster Presentation. Title: Interaction between WRKY gene functions, nitrogen supply and severity of spot blotch of wheat caused by *Bipolaris sorokiniana*. International Congress of Plant Pathology 2018 (ICPP2018) in Boston, Massachusetts, U.S.A. July 29 – August 3, 2018 at the Hynes Convention Center in Boston.

## Hobbies & Interests

---

- Member of British plant pathogen society/ UK since 2016
- Socialising with friends and family.
- Computing: Good with technology
- Swimming: Keeps fit and healthy
- Football/Soccer: Teamwork skills
- Socialising with friends: Team player (rather than loner)

## Publications

---

1. Abbas S. H., (2012). Performance analysis to Genotypes characters in Broad bean under effect at different levels for the fertilization NPK. Kufa J. Agri. Sci. 4 (2): 305- 318.
2. Abbas S. H., (2012). The half diallell crosses of quantitive characters in Sunflower (*Helianthus annuus* L.). Euphartes J. Agri. Sci. 4(3):
3. Abbas S. H., Musa A. J., Hadi A. Y. and Jasem K. H., (2012) Estimation some genetic parameters and path coefficient analysis in the rice genotypes (*Oryza Sativa* L.). Euphartes J. Agri. Sci. 4(2): 118-129.
4. Abbas S. H., (2011) Estimation of correlations and Path coefficient analysis in some bread wheat varieties growing to three Rates. Kufa J. Agri. Sci. 3 (2): 127- 138.
5. Dawod, K. M. , Abass S. H. , Jaber F. A. and Hamed Kh. A., (2011).Stability parameters for yield and its components in some Rice varieties. Kirkuk Univ. J. 6(1):44- 59.
6. Abbas, S. H., (2011) Inheritance of grain yield and its components in durum wheat (*Triticum durum* Desf.). Karbala Univ. J. Sci.
7. Ahmed, A. A., and Abbas S. H., (2010) Performance and variances for Durum Wheat entries under the effect of two environments and three seeding rates. Euphartes J. Agri. Sci. 3(1):
8. Abbas, S. H., (2010) Estimation of Combining Ability and Heterosis in the Durum Wheat. Euphartes J. Agri. Sci. 2(1): 52- 60.

9. Ahmed, A. A., and Abbas S. H., (2010) Path coefficient analysis and Expected genetic advance from Several Genotypes in the Durum Wheat. Kufa J. Agri. Sci. 2(1): 195-207.
10. Ahmed, A. A., and Abbas S. H., (2009) Estimation of Genetic Stability in the Durum Wheat. Euphates J. Agri. Sci. 1(1): 111-119.
11. Dawod, K. M. , Abass S. H. and Jaber F. A. (2009).Evaluation of cultivars of Rice under different levels irrigation and analysis of yield correlations with other characters to direct and indirect effects. Tikrit Univ. J. Agri. Sci. 9(3): 112-123.

## References

---

**Prof Angharad M. R. Gatehouse**

Newcastle University  
Natural and Environmental Sciences  
School of Biology  
Newcastle upon Tyne, NE1 7RU  
United Kingdom  
Phone Number: +44 (0) 0191 208 8838  
[a.m.r.gatehouse@newcastle.ac.uk](mailto:a.m.r.gatehouse@newcastle.ac.uk)

**Dr Ethan Hack**

Newcastle University  
Natural and Environmental Sciences  
School of Biology  
Newcastle upon Tyne, NE1 7RU  
United Kingdom  
Phone Number: 0044(0) 191 208 8576  
[ethan.hack@ncl.ac.uk](mailto:ethan.hack@ncl.ac.uk)

**Dr Martin Edwards**

Newcastle University  
Natural and Environmental Sciences  
School of Biology  
Newcastle upon Tyne, NE1 7RU  
United Kingdom  
Phone Number: 0044(0) 191 208 5512  
[martin.edwards@newcastle.ac.uk](mailto:martin.edwards@newcastle.ac.uk)