



ACADEMIC TRAINING

- **PhD Degree:** University of Nottingham United Kingdom. 2015
- **Masters Degree/Ingénieur d'état:** Agronomy and Veterinary Institute -Hassan II, Rabat, Morocco. 1999
- **Agricultural engineer. (=B.Sc.) :** Agronomy and Veterinary Institute -Hassan II, Rabat, Morocco". 1997

PROFESSIONAL EXPERIENCE

- **2003-current: Wheat breeder** at INRA, Settati, Morocco; Bread wheat improvement program for arid and semi arid region.
- **2000-2003** Study engineer in engineering office: agronomic, socio-économique and general studies

PROJECT AND INTERNATIONAL COOPERATION

- **Project Food security :** «*Enhancing food security in Arab Countries*»
- **Projet GCP :** «*Bridging genomics, genetic resources and breeding to improve wheat and barley production in Morocco*»
- **Projet IDUWUE :** «*Improving durum wheat for water use efficiency and yield stability through physiological and molecular approaches*»
- **Projet IRDEN :** «*Integrated Research and Durum Economics Network*»
- **Projet IPM :** «*Integrated Pest Management*»

AWARDS

- **Grand Prix Hassan II 2009 :** Membre of Dr Nsarellah Nasserlehaq's team winning the second price: «*Progrès génétique chez le blé dur pour la production et la qualité technologique, les acquis d'un quart de siècle*».
- **21st Biennial International plant resistance to Insects – Workshop 2014:** Award of Merit for Resistance on Hessian fly Resistance in wheat in Morocco

PUBLICATIONS

Reports

- **Philippe J., Amamou A., Moumou O., Fellah B. et étudiants Irc, Avril 2007.** Evolution et permanences du Douar de Hrada 1982-2007, Montpellier France-INRA Settati
- **Amamou A. 1999.** Etude de l'effet du stress hydrique sur la germination et sur le développement de jeunes plants du pin maritime âgé d'un an. IAV, Rabat, Maroc 160p.
- **Amamou A. 2008.** Programme d'amélioration des blés pour les zones arides et semi arides et cartographie de l'adaptation des variétés du blé dur marocaines. Rapport de titularisation (fin de stage).

Papers

- **Nsarellah N. Amamou A. 2008.** Durum wheat improvement for drought tolerance in Morocco. In: TRITIMED PROJECT. Bridging Research and Policy : The Case of Water Use Efficiency in Rainfed Wheat Areas. Eds. F. Nassif, N. Nsarellah, A. Laamari. Pp. 88-101.
- **Abbad A.F., Nsarellah N., Jlinene M., Tuberosa R., Labhilili M., Ouabbaou H., Amamou A., Rhrif K., Taghouti M., Ramdani A., El Yousfi B., El Haddoury J., Diria G. 2009.** Bridging genomics, genetic

resources and breeding to improve wheat and barley production in Morocco. Moroccan Collaborative Grant Program, annual report 2007-2008. September 2009. PP 30-38.

- **Saadia Lhaloui, El Yousfi, Benchekroun, Hajjaj, Amamou, Nsarellah, Essaadi, Zine El abidine, Hilali, Bentat, Bye, Ramdani, El Hamel, Saffour, El Bouhssini and Osman. 2009.** Integrated pest management in Cereal and food legume cropping system: Research and human capacity building. Moroccan Collaborative Grant Program, annual report 2007-2008. September 2009. PP 89-90
- **Saadia Lhaloui, Mustapha El Bouhssini, Osman Abdellah, Ali Amamou and Nasserlehaq Nsarellah :** Screening of spring Bread wheat material for resistance to Hessian fly and wheat stem sawfly. Moroccan Collaborative Grant Program, annual report 2007-2008. September 2009. PP 91-100
- **R. Otmane, S. Lhaloui, A. Osman, A. Amamou, M. El Bouhssini, N. Nsarellah, F. Gaboun, S. Ouriniche, B. Bencharki:** Sélection de nouvelles lignées de blé tendre hautement productives et résistantes à la cécidomyie, mayetiola destructor (say), au Maroc. Revue Marocaine de Protection des Plantes N°9 47-60, 2016.
- **Adil ESSARIOUI, Ali AMAMOU, Reda MEZIANI, Mohamed AFECHTAL, Fouad MOKRINI, Noureddine HAMAMOUCHE :** Plant-driven selection of microbes in the rhizosphere and plant-microbe feedbacks ; Revue Marocaine des Sciences Agronomiques et Vétérinaires, Vol. 5, No 3 2017
- **Ali AMAMOU, Manar RAMCHOUN, Nasserlehaq NSARELLAH, Adil ESSARIOUI, Mona TAGHOUTI :** Etude de la variabilité génétique agro morphologique et technologique des populations Méditerranéennes du blé dur ; Revue Marocaine des Sciences Agronomiques et Vétérinaires, Vol. 5, No 4 2017.
- **Amamou Ali :** Identifying novel variation in grain yield, biomass and n-use efficiency and its physiological and genetic basis in wheat (6 July 2017)
- **Adil ESSARIOUI, Houria BEN-AMAR, Siham KHOULASSA, Reda MEZIANI, Ali AMAMOU, Fouad MOKRINI.** Gestion du Bayoud du palmier dattier dans les oasis marocaines ; Revue Marocaine des Sciences Agronomiques et Vétérinaires, Vol. 6, No 4 2018.
- **Al Faiz Chaouki, Amamou Ali Bennani Sahar, Dahan Rachid, El Yousfi Brahim, Gaboun Fatima, Iaaich Hamza, Ibnou Ali El Alaoui Meriem, Jilal Abderrazek, Mouaaid Abdelali, Moussadek Rachid, Mrabet Rachid, Nsarellah Nasserlehaq, Ramdani Abdelhamid, Salih Ghizlane, Taghouti Mona, Tirazi Reddad, Zirari Abdelmalek.** Guide pour le choix des variétés INRA de blé dur, blé tendre et orge ; Edition INRA 2017
- **Omar IDRISSE, Chafika HOUASLI, Ali AMAMOU, Nasserlehaq NSARELLAH.** Lentil genetic improvement in Morocco: State of art of the program, major achievements and perspectives. Mor. J. Agri. Sci. 1 (1): 9-13, January 2020
- **Moussaoui Haytema*, Idlimam Alia , Lamharrar Abdelakdera , Kouhila Mounira , Bahammou Younesa , Mouhib Mohamedb , Amamou Ali.** The determination of moisture sorption isotherms and the isosteric heat of sorption for irradiated and non-irradiated durum wheat. Moroccan Journal of Chemistry ISSN: 2351-812X Mor. J. Chem. 8 N°1 (2020) 866-878, Septembre 2020.
- **Mouha Ferrahi, Mouna Taghouti, Ali Amamou, Jamal El Haddoury, Ghizlane Diria, Sahar bennani, Abderrazek Jilal, Nezha Saidi et naima Shaimi, Omar idrissi, Chafika Houasli, Zain Elk Abidine Fatemi et Abdelghani Nabloussi :** Nouvelles obtentions variétales INRA (Céréales, légumineuses alimentaires et oléagineux. Edition INRA-DIC 2021

Communications

- **Nsarellah N. JlibéneM., AmamouA. 2005.** Wheat improvement for the dryland in Morocco. Presentation in the IAOM. Marrakech September 28th 2005.
- **Amamou A, Nsarellah N., Mouna Taghouti M., Sanguineti M.C., Annicchiarico P. 2008.** Adaptation of Moroccan durum wheat varieties from different environments of breeding. 52th Annual Congress of the Italian Society of Agricultural Genetics. 14-17 September 2008, Padova, Italy. P. C.20. ISBN 978-88-900622-8-5.
- **Amamou A., Nsarellah N., Ramchoun M., Taghouti M., Sanguineti M.C., Tuberosa R., Nachit M.M. 2008.** Promising genetic Resources for Mediterranean Durum wheat yield and quality

improvement. 10th Congress of the European Society of Agronomy, 15-19 September 2008, Bologna, Italy. pp 583-584.

- **Ramchoun M., Amamou A., Nsarellah N., Taghouti M., Nachit M.M. 2008.** Genetic variability in agro-morphological and technological traits in two Mediterranean durum wheat populations. International Durum Wheat Symposium “From seed to pasta: the durum wheat chain”, 30 June - 3 July 2008, Bologna, Italy. P.4.2, pp138.
- **Amamou A., Rhrib K. and Bentat F. 2009.** Presentation on “Septoria disease in Morocco” 17/04/2009 workshop on “integrated management of septoria disease control in Northern regions of Tunisia”.
- **A Amamou, M Maccaferri, MC Sanguineti, Z Kehel, M Nachit, D Habash, N Nserallah, J Bort, K Latiri, AA Kader, R Tuberosa 2009.** Genetic dissection of root architecture at seedling stage in durum wheat. Poster presented to Interdrought III symposium. October, 11-16 2009 Shaghai China
- **Nsarellah N., Tuberosa R., Sanguineti M.C., Amamou A., Ouabbou H., Nachit MM. 2009.** “Comparison of farmers and breeders field selection for agronomical performance in Mediterranean durum wheat”. Poster presented to Interdrought III symposium. October, 11-16 2009 Shaghai China
- **Ramchoun M., Amamou A., Nsarellah N., Taghouti M. 2008** Contribution a l’étude de la variabilité génétique agro morphologique et technologique de deux populations méditerranéennes du blé dur. Congrès APA-2, du 20 au 21 Mars 2008 à FST Settat
- **Nsarellah* N, Udupa S, Abbad FA., Jlibene M, , Tuberosa R, Labhillili M, Ouabbou H, Amamou A, Rhrib K Taghouti M, Ramdani A Lhaloui S and El-Yousfi B, El-Haddoury J and D. Ghizlane 2008.** Advances in bridging small grain cereals genetic resources, genomics and breeding work in Morocco. Annual Research Meeting 16-20 September 2008. Bangkok Thailand
- **J. El Haddoury, S.M. Udupa, N. Nsarellah, A. Amamou, S. Lhaloui, A. Ramdani, B. El Yousfi, and F; Abbad-Andaloussi 2010.** Introgression of rusts resistance, grain quality and water use efficiency traits in bread wheat through integration of marker-assisted selection and double haploid breeding. 2nd international symposium on Genomics of Plant Genetic resources, held in Bologna, Italy From 24 to 27 April 2010.
- **Ali Amamou, Oorbessy Gaju, Jayalath deSilva, Simon Griffiths, Malcolm Hawkesford and John Foulkes.** Effects of nitrogen supply on photosynthetic capacity and grain yield in diverse wheat genotypes. Crop Resource Use Efficiency and Field Phenotyping conference held in Belton Woods, Grantham, Lincs, UK from 25 to 26 March 2013
- **Ali Amamou, Oorbessy Gaju, Jayalath DeSilva, Simon Griffiths, Luzie Wingen, Malcolm Hawkesford and John Foulkes:** Physiological and genetic basis of Nitrogen Use Efficiency in wheat. Challenges for Crop Production and Quality - Annals of Applied Biology Centenary conference held in Rothamsted Research, Harpenden, Herts, UK from 9 to 10 December 2014
- **Ali Amamou, Oorbessy Gaju, Jayalath deSilva, Simon Griffiths, Malcolm Hawkesford and John Foulkes.** Identification of physiological traits and molecular markers for improved biomass and Nitrogen Use Efficiency in wheat. IDB-UK Scholars Scientific Symposium (IDB SSS 2014) held at Cambridge University, Cambridge, UK on 22nd of May 2014.
- **Ali Amamou, Oorbessy Gaju, Jayalath deSilva, Simon Griffiths, Malcolm Hawkesford and John Foulkes..** The physiological and genetic basis of improvement in N-use efficiency in wheat. IDB-UK Scholars Scientific Symposium (IDB SSS 2013) held at University college of London, London, UK on 25 to 26 May 2015.
- **R. Otmane; S. Lhaloui; O. Abdellah ; A. Amamou ; M El bouhssini ; N. Nsarellah and B Bencharki.** Selection for resistance to Hessian fly (*Metiola destructor* (Say)) in spring bread wheat in Morocco. 21st Biennial International Plant Resistance to Insects – Workshop. 14 to 18 April, 2014.
- **Osman Abdalla Mostapha El Bouhssini Saadia Lhaloui Francis Ogonnaya Ahmed Amri, Mohammed Jlebene, Ali Amamou Ala'a Yaljarouka:** Enhanced Wheat Production in Morocco through Breeding Hessian Fly Resistance. ASA, CSSA and SSSA, Oral presentation at International Annual Meetings. Oct. 31- Nov. 4 2010 / Long Beach, CA, USA.

SKILLS

LANGUES

- Tamazight, Arabic, French and English

COMPUTER KNOWLEDGE

- Internet and programs : Microsoft Office, STATITCF, SAS, SPSS et IRRISTAT (statistics) et JointMap (QTL analyse).

FIELDS OF INTEREST

- ↳ Genetics and wheat breeding for biotic and abiotic stresses
- ↳ Study of GXE interaction for yield potential and stress adaptation
- ↳ Biotechnological tools uses and marker assisted selection
- ↳ Farm trials and farmer contacts and socio-economics studies
- ↳ Statistics and computer programs