



Curriculum vitae



Dr. Zaid Mohammed Talal Abdul Salam Al-Habbar
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Education

Certificate	Specialization	Graduation year	University
B. Sc.	Agricultural machinery Sciences	2005	Mosul University / College of Agriculture and Forests / Iraq
M.Sc.	Agricultural Field Crops Sciences	2011	Mosul University / College of Agriculture and Forests / Iraq
Ph.D.	NAM gene related to Nitrogen Use Efficiency in Wheat	2019	School of Veterinary and Life Sciences /Murdoch University /Australia

Areas of Interest

1. NAM gene, Nitrogen Use Efficiency, Nitrogen remobilization, Nitrogen Utilization, Nitrogen Uptake

Appointment

1. Appoint as Faculty membership 2007.
2. Appoint as Lecturer since 2011.

Publications

- **Zaid Alhabbar**, Shahidul Islam, Rongchang Yang, Dean Diepeveen, Masood Anwar, Sadegh Balotf, Nigarin Sultana, Rowan Maddern, Maoyun She, Jingjuan Zhang, Wujun Ma and Angela Juhas. **Associations of NAM-A1 alleles with the onset of senescence and nitrogen use efficiency under Western Australian conditions**, Euphytica (2018)
<https://link.springer.com/article/10.1007/s10681-018-2266-4>.
- **Zaid Alhabbar**, Rongchang Yang, Angela Juhasz, Hu Xin, Maoyun She, Masood Anwar, Nigarin Sultana, Dean Diepeveen, Wujun Ma and Shahidul Islam. **NAM gene allelic composition and its relation to grain-filling duration and nitrogen utilisation efficiency of Australian wheat**, Plos one (2018).
(doi: [10.1371/journal.pone.0205448](https://doi.org/10.1371/journal.pone.0205448)).
- Roy, Nandita, Shahidul Islam, **Zaid Al-Habbar**, Zitong Yu, Hang Liu, Domenico Lafiandra, Stefania Masci, Meiqin Lu, Nigarin Sultana, and Wujun Ma. **"Contribution to**

Breadmaking Performance of Two Different HMW Glutenin 1Ay Alleles Expressed in Hexaploid Wheat." *Journal of Agricultural and Food Chemistry* (2020).

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- Nigarin Sultana, Shahidul Islam, Angela Juhasz, Rongchang Yang, **Zaid Alhabbar**, Maoyun She, Jingjuan Zhang, Wujun Ma. 2020. **Transcriptomic study for identification of major nitrogen stress responsive genes in Australian bread wheat cultivars.** *Frontiers in Genetics*. (<https://doi.org/10.3389/fgene.2020.583785>)

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- **Zaid Alhabbar**, Shahidul Islam, Rongchang Yang, Dean Diepeveen, Angela Juhasz and Wujun Ma. 2017. **Identifying key traits associated with *NAM* genes in Australian wheat cultivars.** 226th International Conference on Agricultural and Biological Science (ICABS), Kota Kinabalu, Sabah, Malaysia.
(URI:<http://researchrepository.murdoch.edu.au/id/eprint/41476>).

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- **Zaid Alhabbar**, Shahidul Islam, Rongchang Yang, Dean Diepeveen, Angela Juhasz and Wujun Ma. 2017. **Pyramiding Traits associated with *NAM* Genes in Australian Wheat Cultivars.** 5th International Conference on Chemical, Biological, Agricultural and Environmental Sciences (CBAES). Kuala Lumpur, Malaysia.
(URI:<http://researchrepository.murdoch.edu.au/id/eprint/41478>).

- Zhang, Jingjuan, Jingjuan Zhang, Shahidul Islam, Yun Zhao, Masood Anwar, **Zaid Alhabbar**, Maoyun She, Rongchang Yang, Angela Juhasz, Guixiang Tang, Jiansheng Chen, Hang Liu, Yanjie Jiang, Shengnan Zhai, Xin Hu, JunKang Rong, Yingquan Zhang, Yebo Qing, Qier Liu, Zitong Yu, Yujuan Zhang, Sadegh Balotf, Mirza Dowla, Sonia Afrin, Nandita Roy, Md Mallik, Md Saieed, Shanjida Rahman, Nigarin Sultana, Sarah Alsheikh Ahmed, Chris Florides, Kefei Chen, Darshan Sharma, Nathan Height, Ben Biddulph, Meiqin Lu, Jorge Mayer, Wujun Ma **"Wheat frost tolerant genes derived from QTLs of six DH populations in reproductive stage."** *Authorea Preprints* (2020).

- Zhang, Jingjuan, Zhang, Jingjuan, Jingjuan Zhang, Shahidul Islam, Yun Zhao, Masood Anwar, **Zaid Alhabbar**, Maoyun She, Rongchang Yang, Angela Juhasz, Guixiang Tang, Jiansheng Chen, Hang Liu, Yanjie Jiang, Shengnan Zhai, Xin Hu, JunKang Rong, Yingquan Zhang, Yebo Qing, Qier Liu, Zitong Yu, Yujuan Zhang, Sadegh Balotf, Mirza Dowla, Sonia Afrin, Nandita Roy, Md Mallik, Md Saieed, Shanjida Rahman, Nigarin Sultana, Sarah Alsheikh Ahmed, Chris Florides, Kefei Chen, Darshan Sharma, Nathan Height, Ben Biddulph, Meiqin Lu, Jorge Mayer, Wujun Ma. **"Non-escaping frost tolerant QTL linked genetic loci at reproductive stage in six wheat DH populations."** The Crop Journal (2021).

- **Zaid Alhabbar**, Shahidul Islam, Rongchang Yang, Dean Diepeveen, Angela Juhasz and Wujun Ma. 2017. *NAM* gene allelic composition and its relation to grain-filling duration and nitrogen use efficiency. 1st Murdoch University annual research symposium. Western Australia, Australia.
- Presented an oral presentation entitled on 'Impact of *NAM* genes on Nitrogen use efficiency in Australian wheat cultivars' in the 1st Australia-China Forum of Agricultural and Foods Sciences held on Feb 2nd, 2017, Perth, Australia. Received an Outstanding Presentation Award.
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