

## Lista completă a lucrărilor publicate

### Cărți publicate:

1. **Gabur I** (2019) Genome structural variation associates with fungal quantitative disease resistance in oilseed rape (*Brassica napus* L.), Editura: VVB LAUFERSWEILER VERLAG edition scientifique, 105 pagini, ISBN: 978-3-8359-6762-5
2. **Gabur I, Simioniuc DP** (2020) Ameliorarea plantelor. manual pentru lucrările practice. vol.1, Editura Ion Ionescu de la Brad, Iași, ISBN 978-973-147-390-1, Vol. 1. - 2020. ISBN 978-973-147-391-8

### Articole /studii in extenso în jurnale indexate ISI

3. **Gabur I**, Chawla HS, Liu X, Kumar V, Faure S, von Tiedemann A, Jestin C, Dryzka E, Volkmann S, Breuer F, Delourme R, Snowdon R, Obermeier C (2018) Finding invisible quantitative trait loci with missing data. *Plant Biotechnol J.* 16:2102-2112., IF: 6.8. doi: 10.1111/pbi.12942
4. **Gabur I**, Chawla SH, Snowdon R, Parkin I (2019) - Connecting genome structural variation with complex traits in crop plants; *Journal: Theoretical and Applied Genetics* 132:733-750 – Review, IF: 3.9. doi: 10.1007/s00122-018-3233-0
5. Voss-Fels KP, Robinson H, Mudge SR, Richard C, Newman S, Wittkop B, Stahl A, Friedt W, Frisch M, **Gabur I**, Miller-Cooper A, Campbell BC, Kelly A, Fox G, Christopher J, Christopher M, Chenu K, Franckowiak J, Mace ES, Borrell AK, Eagles H, Jordan DR, Botella JR, Hammer G, Godwin ID, Trevaskis B, Snowdon RJ, Hickey LT (2018) VERNALIZATION1 Modulates Root System Architecture in Wheat and Barley. *Mol Plant.* 11:226-229, IF: 9.3. doi: 10.1016/j.molp.2017.10.005
6. Voss-Fels K, Qian L, **Gabur I**, Obermeier C, Hickey L, Werner C, Kontowski S, Frisch M, Friedt W, Snowdon R, and Gottwald S (2018) Genetic insights into underground responses to *Fusarium graminearum* infection in wheat. *Scientific Reports* 8: 13153, IF: 4.6  
<https://www.nature.com/articles/s41598-018-31544-w>
7. Glaeser SP, **Gabur I**, Haghghi H, Bartz JO, Kämpfer P, Snowdon R, Obermeier C (2020) Endophytic bacterial communities of oilseed rape associate with genotype-specific resistance against *Verticillium longisporum*. *Journal: FEMS Microbiology Ecology*, fiz188, <https://doi.org/10.1093/femsec/fiz188>
8. **Gabur, I.**, Chawla, H.S., Lopisso, D.T. et al. (2020) Gene presence-absence variation associates with quantitative *Verticillium longisporum* disease resistance in *Brassica napus*. *Sci Rep* 10, 4131. <https://doi.org/10.1038/s41598-020-61228-3>
9. Chawla RJ, H. S., Lee, H., **Gabur, I.**, Vollrath, P., Tamilselvan-Nattar-Amutha, S., Obermeier, C., Schiessl, S. V., Song, J.-M., Liu, K., Guo, L., Parkin, I. A. P. and Snowdon (2020) Long-read sequencing reveals widespread intragenic structural variants in a recent allopolyploid crop plant. *PBJ* 2020 . <https://doi.org/10.1111/pbi.13456>
10. Dumitriu Gabur GD, Teodosiu C, **Gabur I**, Cotea VV, Peinado RA, López de Lerma N. (2019) Evaluation of Aroma Compounds in the Process of Wine Ageing with Oak Chips. *Foods.* 2019;8(12):662. doi:10.3390/foods8120662
11. Dumitriu Gabur GD, Teodosiu C, Cotea VV, Peinado RA, **Gabur I**, López de Lerma N. (2020) Study of Volatile Compounds of Romanian Red Wines Aged with Oak Chips, *EEMJ* 19: 229-234

### Articole /studii in extenso în jurnale indexate BDI

12. **Gabur I**, Snowdon R, Obermeier C (2017) Genetic Structure of Synthetic *Brassica napus* L. Populations. *Lucrări Științifice – vol. 61(2):11-14, seria Agronomie*

13. **Gabur I**, Snowdon R, Obermeier C (2017) Linkage Disequilibrium in the Genome of Synthetic *Brassica napus* Populations. *Lucrări Științifice – vol. 61(2):55-59, seria Agronomie*
14. **Gabur I.**, Lipșa F. D., Adumitresci L., Tănase C. & Simioniuc D. P. (2019) Assessment of genetic variation of *Tilia tomentosa* by RAPD markers. *J. Plant Develop.* 26: 85-91. <https://doi.org/10.33628/jpd.2019.26.1.85>
15. **Gabur I**, Simioniuc DP (2019) Genomic selection in *Brassica napus*. *Proceeding of the International Scientific Congress Life sciences, a challenge for the future, Oct. 2019, Iasi*

#### **Prezentări (invited speaker) la conferințe/congrese/simpozioane**

16. 14.10.2016: Speaker, "Development of a high-throughput method for *Verticillium longisporum* disease scoring in *Brassica napus*", Congress "Life sciences, a challenge for the future", University of Agricultural Sciences and Veterinary Medicine of Iasi, Romania
17. 19.10.2017: Speaker, "Comparative GWAS analysis of a NAM population for resistance to oilseed rape diseases", Congress "Life sciences, a challenge for the future", University of Agricultural Sciences and Veterinary Medicine of Iasi, Romania
18. 13.01.2018: Invited speaker, "Genome structural variation associated with disease resistance in *Brassica napus*", Brassicas workshop, Plant and Animal Genome XXVI, San Diego, USA
19. 14.01.2018: Invited speaker, "Finding invisible QTL using missing data: Examples from a strongly restructured crop genome", QTL cloning workshop, Plant and Animal Genome XXVI, San Diego, USA
20. 17.10.2018: Speaker, "Genome structural variation associated with disease resistance in *Brassica napus*", Congress "Life sciences, a challenge for the future", University of Agricultural Sciences and Veterinary Medicine of Iasi, Romania
21. 13.01.2018: Invited speaker, "Genome structural variation associated with disease resistance in *Brassica napus*", Brassicas workshop, Plant and Animal Genome XXVI, San Diego, USA
22. 12.01.2020: Invited speaker, "Structural variation associated with quantitative disease resistance in *Brassica napus*", Gene mapping by segregation workshop, Plant and Animal Genome XXVI, San Diego, USA
23. 06.11.2020: Speaker, "Assessment of Andean lupin (*Lupinus mutabilis*) Genotypes for Improved Frost Tolerance", 14th Edition of the International Conference for Food Physicists. November 05-06, 2020 / Iasi, ROMANIA

#### **Alte contribuții științifice la conferințe/congrese/simpozioane**

24. **Gabur I**, Snowdon R, Obermeier C (2017) Genome-wide association studies for multiple disease resistance in *Brassica napus*. PLANT 2030 Status Seminar, Potsdam, Germany - Poster
25. **Gabur I**, Snowdon R, Obermeier C (2017) Genome-wide association studies for multiple disease resistance in *Brassica napus*. 5-th Quedlinburger Pflanzenzüchtungstage, IPK-Gatersleben, Germany - Poster
26. **Gabur I**, Snowdon R, Obermeier C (2017) Genome-wide association studies for multiple disease resistance in *Brassica napus*. 4-th International Symposium on Genomics of Plant Genetic Resources 4, Giessen, Germany - Poster
27. **Gabur I**, Snowdon R, Obermeier C (2018) Genome-wide association studies for multiple disease resistance in *Brassica napus*. PLANT 2030 Status Seminar, Potsdam, Germany - Poster
28. **Gabur I**, Chawla HS, Liu X, Kumar V, Faure S, von Tiedemann A, Jestin C, Dryzka E, Volkmann S, Breuer F, Delourme R, Snowdon R, Obermeier C (2018) Genome-wide association studies for multiple disease resistance in *Brassica napus*. German Breeding Conference, Wernigerode, Germany – Poster
29. **Gabur I**, Chawla HS, Liu X, Kumar V, Faure S, von Tiedemann A, Jestin C, Dryzka E, Volkmann S, Breuer F, Delourme R, Snowdon R, Obermeier C (2018) Genome-wide association studies for multiple disease resistance in *Brassica napus*. Brassica 2018 - 21st Crucifer Genetics Conference, Saint-Malo,

France – Poster

30. **Gabur I**, Chawla HS, Liu X, Kumar V, Faure S, von Tiedemann A, Jestin C, Dryzka E, Volkmann S, Breuer F, Delourme R, Snowdon R, Obermeier C (2019) Genome-wide association studies for multiple disease resistance in *Brassica napus*. Plant and Animal Genome XXVI, San Diego, USA - Poster
31. **Gabur I**, Chawla HS, Liu X, Kumar V, Faure S, von Tiedemann A, Jestin C, Dryzka E, Volkmann S, Breuer F, Delourme R, Snowdon R, Obermeier C (2020) Genome-wide association studies for multiple disease resistance in *Brassica napus*. Digital Breeding, Viena, Austria

