

SABRINA AMORIM

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EDUCATION

Universidade Estadual Paulista, UNESP Master's in progress in Genetics and Animal Breeding	<i>2018 - 2020</i> GPA: 4.0
Universidade Federal de Santa Catarina, UFSC B.S. in Animal Science	<i>2013 - 2017</i> GPA: 3.3

COMPLEMENTARY EDUCATION

GWAS Workshop , Virginia Polytechnic Institute and State University. 2019. Credit Hours: 30h	
Special Topics in Bioinformatics: Genome Alignment , Universidade Estadual Paulista. 2019. Credit Hours: 30h	
Quantitative Genetics and Genomics Workshop , Universidade de São Paulo (ESALQ). 2018. Credit Hours: 30h	
Special Topics in Genome Sequencing for Genomic Studies , Universidade Estadual Paulista. 2018. Credit Hours: 20h	
Special Topics in R applied to Animal Breeding , Universidade Estadual Paulista. 2017. Credit Hours: 66h	
Management and Use of Poultry and Mammals in Research , Universidade Federal de Santa Catarina. 2017. Credit Hours: 17h	

PROFESSIONAL EXPERIENCE

MSc Research Visitor , Virginia Tech, USA	<i>2019- 2019</i>
Graduate Research Assistant , UNESP	<i>2018-</i>
Undergraduate Intern , UNESP	<i>2017-2017</i>
Administrative Assistant , UFSC	<i>2017-2017</i>
Scientific Research Initiation , UFSC	<i>2017-2017</i>
Teaching Assistant - Genetics , UFSC	<i>2015-2016</i>
Translator, Teacher and Producer , Khan Academy Brasil Project, Lehmann Foundation	<i>2015-2016</i>

RESEARCH PROJECTS

An assessment of the relationship between Genomic Connectedness and prediction accuracy for fat composition traits in Nellore beef cattle , Virginia Tech 2019- 2019. FAPESP Process: 2019/04929-0.	
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Epistatic interactions associated with fatty acid profile of beef from Nellore cattle, UNESP
2018- Present. FAPESP Process: 2018/19463-4.

Genomic evaluation in commercial beef cattle population using real and simulated data, UNESP
2016- Present. FAPESP Process:16/22751-6.

Analysis copy number variation in the genome and its associations with quantitative, qualitative traits and meat fatty acid profile in Nellore cattle, UNESP
2017-Present. CNPq Process: 405025/2016-5.

Efficiency in feed conversion in pigs: Association of favorable alleles with nutritional modeling, UFSC
2016-2017. CNPq Process: 102189/2017-0.

Study of the genetic variability of meat fatty acid profile in Nellore cattle finished in feedlot, UNESP
2015-Present. FAPESP Process: 11/21241-0.

PEER REVIEWED JOURNAL PAPERS

- 5.** Feitosa, F.L.B.; Pereira, A.S.C.; **Amorim, S. T.**; Peripolli, E.; Silva, R.M.O.; Braz, C.U.; Ferrinho, A.M.; Schenkel, F.S.; Brito, L.F.; Espigolan, R.; de Albuquerque, L.G.; Baldi, F. **Comparison between haplotype-based and individual snp-based genomic predictions for beef fatty acid profile in Nelore cattle.** Journal Of Animal Breeding And Genetics, 2019. DOI: 10.1111/jbg.12463.
- 4.** Peripolli, E.; Stafuzza, N. B.; **Amorim, S. T.**; Lemos, M. V. A.; Grigoletto, L.; Kluska, S.; Ferraz, J. B. S.; Eler, J. P.; Mattos, E. C.; Baldi, F. **Genome-wide scan for runs of homozygosity in composite Montana Tropical® beef cattle.** Journal Of Animal Breeding And Genetics, 2019. DOI: 10.1111/jbg.12428.
- 3.** Stivanin, T.; Maia, F. M. C.; Migliorini, E.; Kluska, S.; **Amorim, S. T.**; Lovatto, F. S.; Martins, E. N. **Evaluation of selection criteria in laying quails (Coturnix coturnix japonica).** Livestock Research for Rural Development, 2019. DOI: 10.13140/RG.2.2.21536.94727.
- 2.** Bonamy, M. ; Kluska, S.; Peripolli, E.; Lemos, M. V. A.; **Amorim, S. T.**; Vaca, R. J.; Lobo, R. B.; Castro, L. M.; Faria, C. U.; Ferrari, F. B.; Baldi, F. **Genetic association between different criteria to define sexual precocious heifers with growth, carcass, reproductive, and feed efficiency indicator traits in Nellore cattle using genomic information.** Journal of Animal Breeding and Genetics, v. 136, p. 15-22, 2018. <http://dx.doi.org/10.1111/jbg.12366>.
- 1.** **Amorim, S. T.**, Kluska, S.; Berton, M. P.; Lemos, M. V. A.; Peripolli, E.; Stafuzza, N. B.; Martin, J. F.; Alvarez, M. S.; Gavina, B. V.; Toro, M. A.; Banchero, G.; Oliveira, P. S.; Grigoletto, L. ; Eler, J. P.; Baldi, F. ; Ferraz, J. B. S. **Genomic study for maternal related traits in Santa Inês sheep breed.** Livestock Science, v. 217, p. 76-84, 2018. <http://dx.doi.org/10.1016/j.livsci.2018.09.011>.

SUMMARIES PUBLISHED IN PROCEEDINGS OF CONFERENCES

- 1.** Leite, A. A.;**Amorim, S. T.**; Rosa, V. L.; Lemes, M.; Francisco, L.; Hauptli, L.; Irgang, R.; Lima, A. L. F. **Exon Iv Polymorphism Of Prolactin Gene On Crioulo Lageano Cattle.** In: 54ª Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A New View Of Animal Science: Challenges And Perspectives, 2017.

2. **Amorim, S. T.;** Leite, A. A.; Lemes, M.; Francisco, L.; Chiarelli, A. C.; Pereira, M. C.; Dalhke, F.; Lima, A. L. F. **Genetic Monomorphism Of Insulin-Like Growth Hormone On Crioulo Lageano Cattle (Bos Taurus).** In: 54^a Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A New View Of Animal Science: Challenges And Perspectives, 2017.
3. Rosa, V. L.; **Amorim, S. T.;** Chiarelli, A. C.; Leite, A. A.; Carvalho, S. R. S. T.; Quadros, S. A. F.; Oliveira, P.P.; Lima, A. L. F. **Identification Of Polymorphisms On The IGF-I Gene In Crioulo Lageano Cattle (Bos Taurus).** In: 54^a Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A New View Of Animal Science: Challenges And Perspectives, 2017.
4. Dalhke, F.; Dahmer, A. P.; Oliveira, P.P.; **Amorim, S. T.;** Hauptli, L.; Lima, A. L. F. **Evaluation Of The Influence Of Astaxanthin Inclusion In Feed For Quails (Cuturnix Cuturnix Japonica) On Performance And Egg Quality Traits.** In: 54^a Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A, 2017.
5. Oliveira, R. N.; Machado, Djonatan; Pereira, M. C.; Correa Junior, A. C.; **Amorim, S. T.;** Carvalho, S. R. S. T.; Quadros, S. A. F.; Lima, A. L. F. **Association Between Productive Performance And Gastrointestinal Nematodes Infection In Ile De France Lambs.** In: 54^a Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A New View Of Animal Science: Challenges And Perspectives, 2017.
6. Wagner, B.; **Amorim, S. T.;** Pereira, T. C.; Irgang, R.; Lima, A. L. F.; Pereira, M. C.; Quadros, S. A. F.; Carvalho, S. R. S. T. **Beef Consumers Preferences: An Approach On The Cities Of Florianopolis And Botucatu.** In: 54^a Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A New View Of Animal Science: Challenges And Perspectives, 2017.
7. Xavier, A. C.; Machado, Djonatan; **Amorim, S. T.;** Tavares, S.; Irgang, R.; Hauptli, L. **Efficiency Of The Questionnaire Application Classic Swine Fever Situation In Terms Of Risks By Municipality In Santa Catarina.** In: 54^a Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A New View Of Animal Science: Challenges And Perspectives, 2017.
8. **Amorim, S. T.;** Lima, A. L. F.; Lemes, M.; Irgang, R.; Pereira, M. C.; Chiarelli, A. C. **Efficiency in feed conversion in pigs: Association of favorable alleles with nutritional modeling.** In: Initiation to Scientific Research Seminar, Florianópolis, 2017.
9. Machado, Djonatan; Mallmann, D. H.; Erpen, J.G.; **Amorim, S. T.;** Selig, P.M.; Marian, P.; Oliveira, P.P.; Hosrtmann, R. **Knowledge Intensive Livestock: Knowledge Management Maturity Model Applied On Dairy Farming In Santa Catarina.** In: 54^a Reunião Anual Da SBZ, 2017, Foz Do Iguaçu. A New View Of Animal Science: Challenges And Perspectives, 2017.
10. **Amorim, S. T.;** Lima, A. L. F.; Bento, L. L.; Leite, A. A.; Pereira, T. C.; Pacheco, L.; Pereira, M. C.; Irgang, R. **Isolation and Application of RFLP-PCR on grelin gene of swine,** In: Initiation to Scientific Research Seminar, Florianópolis, 2017.

EXPANDED SUMMARIES

1. **Amorim, S. T.;** Eler, J. P.; Grigoletto, L.; Lemos, M. V. A.; Baldi, F.; Ferraz, J. B. S. **Genome Wide Association Study (GWAS) For Body Weight Traits In Santa Ines Sheep Breed.** In: World Congress On Genetics Applied To Livestock Production, 2018, Auckland. Proceedings Of The World Congress On Genetics Applied To Livestock Production, Volume Genetic Gain - In Challenging Environments, 2018. V. 11. P. 708-708.
2. Berton, M.; **Amorim, S. T.;** Kluska, S.; Lemos, M. V. A.; Olivieri, B.; Tonussi, R.; Peripolli, E.; Eler, J. P.; Baldi, F.; Ferraz, J. B. S. **Genetic Parameters And Genome Wide Association Study (GWAS) for Maternal Related Traits In Santa Ines Sheep Breed.** In: World Congress On Genetics Applied To Livestock Production, 2018, Auckland. Proceedings Of The World Congress On

ORAL PRESENTATIONS

4. **Amorim, S. T.; Genomic connectedness in Nellore beef cattle.**(Oral Presentation/Congress), 2019.
3. **Amorim, S. T.; Eler, J. P.; Grigoletto, L.; Lemos, M. V. A.; Baldi, F.; Ferraz, J. B. S. Genome Wide Association Study (GWAS) For Body Weight Traits In Santa Ines Sheep Breed.**(Oral Presentation/Congress), 2018.
2. **Amorim, S. T.; Lima, A. L. F.; Lemes, M.; Irgang, R.; Pereira, M. C.; Chiarelli, A. C. Efficiency in feed conversion in pigs: Association of favorable alleles with nutritional modeling.** (Oral Presentation/Seminary), 2017.
1. **Amorim, S. T.; Genetic Monomorphism Of Insulin-Like Growth Hormone On Crioulo Lageano Cattle (Bos taurus).** (Oral Presentation/Congress), 2017.

PARTICIPATION IN EVENTS

1. NCERA225 Meeting for Implementation and Strategies for National Beef Cattle Genetic Evaluation. 2019.
2. World Congress on Genetics Applied to Livestock Production. 2018.
3. 54th Annual Meeting of the Brazilian Society of Animal Science. 2017.
4. The Buffalo meat. 2017.
5. Ambient and Thermal Comfort in Pigs. 2017.
6. Evaluation of carcass and quality of sheep meat 2017.
7. Brucellosis and Bovine Tuberculosis. 2017.
8. Linear classification for types in cattle. 2017.
9. Productive efficiency in beef cattle for meat quality. 2017.
10. Avian physiology, intestinal microbiot and its effects on the physiology of birds. 2017.
11. I Porcada da Zootecnia. 2017.
12. Handling of Otters in Captivity. 2017.
13. Meat inspection and quality. 2017.
14. Short Course: Ice Cream Production. 2017.
15. Nutrition and Disease Control in PET. 2017.
16. Sheep Farming: From the field to the plate. 2017.
17. A tour in the world of pork meat. 2017.
18. The use of Genomics to improve animal performance. 2017.
19. Workshop: Quality Brands in Meats - Red Cyted Marcarne. 2017.
20. XXVI Brazilian Congress of Animal Science. 2016.
21. Zebu Cattle breed characteristics. 2015.
22. Scientific Initiation Seminar. 2015.

EVENTS ORGANIZATION

1. **Amorim, S. T.;** Pereira, T. C.; Lima, A. L. F.; Leite, A. A. I-Siaz Semana Academica Integrada De Agronomia E Zootecnia. 2015.(Seminar)
2. **Amorim, S. T.;** XI Congresso Internacional Da APCG. 2013. (Congress)

REFERENCES

1. **Prof. Dr. Fernando Baldi Rey**, Assistant Professor at Animal Science Department, Universidade Estadual Paulista (UNESP), Brazil. Email: fernandobaldiuy@gmail.com.
2. **Prof. Dr. Lucelia Hauptli**, Department Head at Animal Science Department, Universidade Federal de Santa Catarina (UFSC), Brazil. Email: luceliazot@gmail.com
3. **Prof. Dr. Renato Irgang**, Formal Swine Professor at Animal Science Department, Universidade Federal de Santa Catarina, Brazil. Email: renato.irgang@ufsc.br
4. **Prof. Dr. Gota Morota**, Quantitative Genetics Professor at Animal Science Department, Virginia Tech, USA. Email: morota@vt.edu