

Jazmín Ramos Madrigal

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Education

- 09/2014 – 05/2018 **Ph. D. in Evolutionary Genomics**
Evolutionary Genomics section, Natural History Museum of Denmark
University of Copenhagen
Supervisor: Prof. M. Thomas P. Gilbert.
Thesis title: Ancient population genomics of domesticated plant species.
- 08/2007 – 05/2012 **B. Sc. in Genomic Sciences**
Graduated with honours
Center for Genomic Sciences, National Autonomous University of Mexico
Cuernavaca, Morelos. Mexico
Supervisor: Dr. Pablo Vinuesa Fleischmann
Thesis title: Diversity and Prevalence of Class-1 Resistance-Integrins in *Escherichia coli* Isolates Recovered from Rivers in Morelos, Mexico.

Professional experience

Excluding 'Education' above

- 04/2020 – present **Postdoc**
Advisors: Assoc. Prof. Shyam Gopalakrishnan and Prof. M. Thomas P. Gilbert
Center for Evolutionary Hologenomics
The GLOBE Institute, University of Copenhagen
Project title: *Developing methods to integrate multi omic' data to study plant and animal domestication.*
- 01/2019 – 06/2019 **Postdoc**
Advisor: Assoc. Prof. Enrico Capellini
Natural History Museum of Denmark
University of Copenhagen
Project title: *Phylogenetic analysis of ancient proteins recovered from Middle and Late Pleistocene faunal remains*
- 05/2018 – 12/2018 **Postdoc**
Advisors: Prof. M. Thomas P. Gilbert and Assoc. Prof. Enrico Capellini
Natural History Museum of Denmark
University of Copenhagen
Project title: *Analysis of NGS data from ancient and modern wolf and dog populations.*
- 06/2012 – 08/2014 **Internship** at Dr. Pablo Vinuesa's lab.
Supervisor: Dr. Pablo Vinuesa Fleischmann

Center for Genomic Sciences
National Autonomous University of Mexico
Cuernavaca, Morelos. Mexico
Project title: *Phylogenetic analysis of multilocus sequence data of Escherichia coli strains recovered from non-human associated environments.*

Student Supervision

- 2021-present **Ph.D.** student co-supervision
Germán Hernández Alonso
Ph.D. in Evolutionary Genomics at the University of Copenhagen
- 2019-2020 **B.Sc.** student co-supervision
Ask Møbjerg Jørgensen
Bachelor's in molecular Biomedicine **15 ECTS project**
University of Copenhagen
Thesis: Differential gene expression in the tardigrade *Ramazzottius varieornatus* following freezing and heating

Teaching

- 2020 **Instructor** at the **Introduction to Palaeogenomics online course**. Transmitting Science.
Teaching assistant. Advanced Data Science course. GLOBE. University of Copenhagen.
- 2019 **Lecture** on Phylogenetic Reconstruction at the **course Frontiers in Genomics**. Center for Genomic Sciences, UNAM. Cuernavaca, Morelos. Mexico.

Invited and contributed scientific talks

- 2021 Speaker at the **9th International Symposium for Biomolecular Archaeology (ISBA9)**, 2021, organized by the University of Toulouse, France. Talk title: *The Journey of Maize into Eastern North America*.
- Invited speaker** at the **Ancient DNA Studies of Adaptive Processes through Time (ADAPT) online seminar series** funded by the European Society for Evolutionary Biology (ESEB). Talk title: *Five Siberian Pleistocene wolves and what we learned from their genomes*.
- Keynote speaker at **Plant.ID Seminar Series: Molecular identification of plants for science and society**. Biodiversity time travels: The use of historical plant genomes in biodiversity research. Natural History Museum, University of Oslo. Talk title: *Vintage genomics: Tracing wine grape varieties through time*.
- 2020 Invited speaker at the **Archaeology and Science Seminar 2020**. University of Copenhagen. Talk title: *The evolutionary history of maize and grape domestication*.
- Invited speaker at **"Los viernes de la evolución" (Evolution Fridays)**. El Colegio Nacional, Mexico city, Mexico. Talk title: *Wine palaeogenomics – A 900 year-old grape seed*.
- 2019 Invited speaker at the course **"Fronteras de la Genómica" (Frontiers in Genomics)**. Center for Genomic Sciences, UNAM. Cuernavaca, Morelos. Mexico. Talk title: *Phylogenetic reconstruction of the evolutionary history of the Canis genus*

- 2018 Speaker at the **Plant and Animal Genomes conference 2018**. San Diego. Talk title: *Ancient DNA of grape seeds provides insights into viticulture and cultivation practices in post-Roman France*
- 2017 Invited speaker at the **Plant Biotech Denmark meeting**. Copenhagen, Denmark. Talk title: *The genome sequence of a 5,300 year-old maize cob recovered from the Tehuacan Valley provides insights into the early stages of maize domestication*.
- Speaker at the **OIKOS** meeting 2017. Copenhagen, Denmark. Talk title: *The genetic history of early maize in the Americas*.
- 2016 Speaker at the **International Symposium for Biomolecular Archaeology (ISBA)**. Oxford, UK. Talk title: *The genome sequence of a 5,300 year-old maize cob recovered from the Tehuacan Valley provides insights into the early stages of maize domestication*.
- Speaker at **Society of Molecular Biology and Evolution** conference 2016. Queensland, Australia. Talk title: *The genome sequence of a 5,300 year-old maize cob recovered from the Tehuacan Valley provides insights into the early stages of maize domestication*.

Selected outreach and media

- 2021 **Invited speaker** at the “Foro de Gastronomía” (**Gastronomy Forum**) organized by SEXTO group. Talk title: *Maize's ancestors*.
- Participation in the podcast “Historias Científicas” (Science Stories)** to talk about my research in wolf palaeogenomics. Title of the episode (T2E65): “Cerebroides neandertaloides, aniversarios genómicos y misterios caninos Siberianos”.
- 2019 **Invited speaker** at “**El sonido del vino**” (The sound of wine), SPARK Mexico, an outreach event for the general public to talk about my research on palaeogenomics of grapevine. Talk title: *Wine palaeogenomics – A 900-year-old grape seed*.
- 2017 **Interview** about ancient maize genomics for the Danish newspaper **Weekendavisen**. Title of the note: *Splejsen, der fik muskler*.

Posters

- 2015 **EMBO** workshop on Mechanisms of Plant Speciation. Stockholm, Sweden. Work presented: *The early history of maize in Mexico*.
- Society of Molecular Biology and Evolution** conference 2015. Vienna, Austria. Work presented: *The genetic history of early maize in the Americas*.

Honours and awards

- 2019 Member of the **Mexican National Researchers System, level candidate** CONACYT (National Council on Science and Technology), Mexico
- 2016 Society of Molecular Biology and Evolution **young investigator travel award**. Queensland, Australia.
- 2007 Mexican annual **National Biology Olympiad**, second place
Tlaxcala, Tlaxcala, Mexico
- 2006 Mexican annual **National Biology Olympiad**, second place
Oaxaca, Oaxaca, Mexico

Scholarships

*Excluding Ph.D. salary at University of Copenhagen

- 2010-2011 Program for the support of undergraduate studies
UNAM (National Autonomous University of Mexico), Mexico \$11,000 MXN
(~\$487 €)
- 2009-2010 Program for the support of undergraduate studies
UNAM (National Autonomous University of Mexico), Mexico \$11,000 MXN
(~\$487 €)
- 2007-2009 Scholarship for undergraduate students provided by the Mexican National
Council of Science and Technology CONACYT
\$40,000 MXN (~\$1,769 €)

Reviewer for *peer-reviewed journals* (e.g. PlosOne, Proceedings of the Royal Society B, Molecular Ecology Resources, Frontiers in Plant Science and Methods in Ecology and Evolution).

Research interests

Evolutionary genomics | Domestication | Population genetics | Bioinformatics | Methods development | Palaeogenomics | Ecology

List of publications

Google scholar summary:

Peer-reviewed publications	25 (9 first author, 1 corresponding author)
Total citations	824
h-index	14
i10-index	16

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* Corresponding author

First, co-first and corresponding authorship:

1. Mikkelsen-Holger S. Sinding†, Marta M. Ciucani†, **Jazmín Ramos-Madrigal†**, Alberto Carmagnini, Jacob Agerbo Rasmussen, Shaohong Feng, Guangji Chen, Filipe G. Vieira, Valeria Mattiangeli, Rajinder K. Ganjoo, Greger Larson, Thomas Sicheritz-Pontén, Bent Petersen, Laurent Frantz, M. Thomas P. Gilbert*, Daniel G. Bradley*. *Kouprey (Bos sauveli) genomes unveil polytomic origin of wild Asian Bos*. iScience. **In Press**.
2. **Jazmín Ramos-Madrigal†**, Mikkelsen-Holger S. Sinding†, Christian Carøe, Sarah S. T. Mak, Jonas Niemann, José A. Samaniego Castruita, Sergey Fedorov, Alexander Kandyba, Mietje Germonpré, Hervé Bocherens, Tatiana R. Feuerborn, Vladimir V. Pitulko, Elena Y. Pavlova, Pavel A. Nikolskiy, Aleksei K. Kasparov, Varvara V. Ivanova, Greger Larson, Laurent A. F. Frantz, Eske Willerslev, Morten Meldgaard, Bent Petersen, Thomas Sicheritz-Pontén, Lutz Bachmann, Øystein Wiig, Anders J. Hansen, M. Thomas P. Gilbert, and Shyam Gopalakrishnan*. 2020. *Genomes of Pleistocene Siberian Wolves Uncover Multiple Extinct Wolf Lineages*. Curr Biol. **2021** Jan 11;31(1):198-206.e8
3. Frido Welker†, **Jazmín Ramos-Madrigal†**, Petra Gutenbrunner†, Meaghan Mackie, Shivani Tiwary, Rosa Rakownikow Jersie-Christensen, Cristina Chiva, Marc R. Dickinson, Martin

Kuhlwilm, Marc de Manuel, Pere Gelabert, María Martínón-Torres, Ann Margvelashvili, Juan Luis Arsuaga, Eudald Carbonell, Tomas Marques-Bonet, Kirsty Penkman, Eduard Sabidó, Jürgen Cox, Jesper V. Olsen, David Lordkipanidze, Fernando Racimo, Carles Lalueza-Fox, José María Bermúdez de Castro, Eske Willerslev, and Enrico Cappellini*. *The Dental Proteome of Homo Antecessor*. *Nature*. **2020**. 580 (7802): 235-38.

4. Mikkel-Holger S Sinding†, Shyam Gopalakrishnan†, **Jazmín Ramos-Madrigal†**, Marc de Manuel†, Vladimir V. Pitulko, Lukas Kuderna, Tatiana R. Feuerborn, Laurent A. F. Frantz, Filipe G. Vieira, Jonas Niemann, José A. Samaniego Castruita, Christian Carøe, Emilie U. Andersen-Ranberg, Peter D. Jordan, Elena Y. Pavlova, Pavel A. Nikolskiy, Aleksei K. Kasparov, Varvara V. Ivanova, Eske Willerslev, Pontus Skoglund, Merete Fredholm, Sanne Eline Wennerberg, Mads Peter Heide-Jørgensen, Rune Dietz, Christian Sonne, Morten Meldgaard, Love Dalén, Greger Larson, Bent Petersen, Thomas Sicheritz-Pontén, Lutz Bachmann, Øystein Wiig, Tomas Marques-Bonet, Anders J. Hansen, and M. Thomas P. Gilbert*. *Arctic-Adapted Dogs Emerged at the Pleistocene-Holocene Transition*. *Science* **2020**. 368 (6498): 1495-99.
5. Henrik Devitt Møller†, **Jazmín Ramos-Madrigal†**, Iñigo Prada-Luengo, M. Thomas P. Gilbert, and Birgitte Regenberg*. *Near-Random Distribution of Chromosome-Derived Circular DNA in the Condensed Genome of Pigeons and the Larger, More Repeat-Rich Human Genome*. *Genome Biology and Evolution* **2020**. 12 (1): 3762-77.
6. **Jazmín Ramos-Madrigal**, Anne Kathrine Wiborg Runge, Laurent Bouby, Thierry Lacombe, José Alfredo Samaniego Castruita, Anne-Françoise Adam-Blondon, Isabel Figueiral, Charlotte Hallavant, José M. Martínez-Zapater, Caroline Schaal, Reinhard Töpfer, Bent Petersen, Thomas Sicheritz-Pontén, Patrice This, Roberto Bacilieri, M. Thomas P. Gilbert*, Nathan Wales*. *Palaeogenomic insights into the origins of French grapevine diversity*. *Nature Plants* **2019**. 5 (6): 595-603
7. Shyam Gopalakrishnan†*, Mikkel-Holger S. Sinding†, **Jazmín Ramos-Madrigal†**, Jonas Niemann†, Jose A. Samaniego Castruita, Filipe G. Vieira, Christian Carøe, Marc de Manuel Montero, Lukas Kuderna, Aitor Serres, Víctor Manuel González, Yan-Hu Liu, Guo-Dong Wang, Tomas Marques-Bonet, Siavash Mirarab, Carlos Fernandes, Philippe Gaubert, Klaus-Peter Koepfli, Jane Budd, Eli Knispel Rueness, Mads Peter Heide Jørgensen, Bent Petersen, Thomas Sicheritz-Ponten, Lutz Bachmann, Øystein Wiig, Anders J. Hansen, M. Thomas P. Gilbert. *Interspecific gene flow shaped the evolution of the genus Canis*. *Curr Biol*. **2018**. Nov 5;28(21):3441-3449.e5
8. Kirsten A. Ziesemer†, **Jazmín Ramos-Madrigal†**, Allison E. Mann, Bernd W. Brandt, Krithivasan Sankaranarayanan, Andrew T. Ozga, Menno Hoogland, Domingo C. Salazar-García, Bruno Frohlich, George Milner, Anne C. Stone, Mark Aldenderfer, Cecil M. Lewis, Jr., Corinne L. Hofman, Christina Warinner*, Hannes Schroeder*. 2018. *The efficacy of whole human genome capture on ancient dental calculus and dentin*. *Am J Phys Anthropol*. **2019** Mar;168(3):496-509
9. **Jazmín Ramos-Madrigal***, Bruce D. Smith, J. Víctor Moreno-Mayar, Shyam Gopalakrishnan, Jeffrey Ross-Ibarra, M. Thomas P. Gilbert, Nathan Wales*. 2016. *Genome sequence of a 5310-year-old maize cob provides insights into the early stages of maize domestication*. *Curr Biol*. **2016** Dec 5;26(23):3195-3201

Co-authorship:

10. Humberto García-Ortiz, Francisco Barajas-Olmos, Cecilia Contreras-Cubas, Miguel Ángel Cid-Soto, Emilio J. Córdova, Federico Centeno-Cruz, Elvia Mendoza-Caamal, Isabel Cicerón-Arellano, Marlen Flores-Huacuja, Paulina Baca, Deborah A. Bolnick, Meradeth

Snow, Silvia Esperanza Flores-Martínez, Rocío Ortiz-López, Austin W. Reynolds, Antonio Blanchet, Mirna Morales-Marín, Rafael Velázquez-Cruz, Aleksandar David Kostic, Carlos Galaviz-Hernández, Alejandra Guadalupe García-Zapién, José Concepción Jiménez-López, Guadalupe León-Reyes, Eva Gabriela Salas-Bautista, Blanca Patricia Lazalde-Ramos, Juan Luis Jiménez-Ruiz, Guadalupe Salas-Martínez, **Jazmín Ramos-Madrigal**, Federico Sánchez-Quinto, Elaheh Mirzaeicheshmeh, Yolanda Saldaña-Alvarez, Francisco Loeza-Becerra, Raúl Mojica-Espinosa, Héctor Rangel-Villalobos, Martha Sosa-Macías, José Sánchez-Corona, Augusto Rojas-Martínez, Angélica Martínez-Hernández, Lorena Orozco*. *The genomic landscape of Mexican Indigenous populations brings insights into the peopling of the Americas*. Nature Communications. **In Press**.

11. Tatiana R. Feuerborn, Alberto Carmagnini, Robert J. Losey, Tatiana Nomokonova, Arthur Askeyev, Igor Askeyev, Oleg Askeyev, Ekaterina Antipina, Martin Appelt, Olga P Bachura, Fiona Beglane, Daniel G. Bradley, Kevin G. Daly, Shyam Gopalakrishnan, Kristian Murphy Gregersen, Chunxue Guo, Andrei V Gusev, Carleton Jones, Pavel Kosintsev, Yaroslav V. Kuzmin, Valeria Mattiangeli, Angela R. Perri, Andrei V Plekhanov, **Jazmín Ramos-Madrigal**, Anne Lisbeth Schmidt, Dilyara Shaymuratova, Oliver Smith, Lilia V Yavorskaya, Guojie Zhang, Eske Willerslev, Morten Meldgaard, M. Thomas P. Gilbert, Greger Larson, Love Dalén, Anders J Hansen, Mikkel-Holger Strander Sinding, Laurent Frantz*. *Modern Siberian dog ancestry was shaped by several thousand years of Eurasian-wide trade and human dispersal*. PNAS. **2021**. 118 (39) e2100338118.
12. Fátima Sánchez-Barreiro, Shyam Gopalakrishnan, **Jazmín Ramos-Madrigal**, Michael V. Westbury, Marc de Manuel, Ashot Margaryan, Marta M. Ciucani, Filipe G. Vieira, Yannis Patramanis, Daniela C. Kalthoff, Zena Timmons, Thomas Sicheritz-Pontén, Love Dalén, Oliver A. Ryder, Guojie Zhang, Tomás Marquès-Bonet, Yoshan Moodley, M. Thomas P. Gilbert. *Historical population declines prompted significant genomic erosion in the northern and southern white rhinoceros (*Ceratotherium simum*)*. Mol Ecol. **2021**. DOI: 10.1111/mec.16043
13. Jonas Niemann*, Shyam Gopalakrishnan, Nobuyuki Yamaguchi, **Jazmín Ramos-Madrigal**, Nathan Wales, M Thomas P Gilbert, Mikkel-Holger S Sinding*. *Extended survival of Pleistocene Siberian wolves into the early 20th century on the island of Honshū*. iScience. **2020**. Dec 8;24(1):101904
14. Laurent Bouby*, Nathan Wales, Mindia Jalabadze, Nana Rusishvili, Vincent Bonhomme, **Jazmín Ramos-Madrigal**, Allowen Evin, Sarah Ivorra, Thierry Lacombe, Clémence Pagnoux, Elisabetta Boaretto, M. Thomas P. Gilbert, Roberto Bacilieri, David Lordkipanidze, and David Maghradze. *Tracking the History of Grapevine Cultivation in Georgia by Combining Geometric Morphometrics and Ancient DNA*. Vegetation History and Archaeobotany. **2021**. vol. 30, p. 63–76.
15. Ross Barnett*, Michael V. Westbury, Marcela Sandoval-Velasco, Filipe Garrett Vieira, Sungwon Jeon, Grant Zazula, Michael D. Martin, Simon Y. W. Ho, Niklas Mather, Shyam Gopalakrishnan, **Jazmín Ramos-Madrigal**, Marc de Manuel, M. Lisandra Zepeda-Mendoza, Agostinho Antunes, Aldo Carmona Baez, Binia De Cahsan, Greger Larson, Stephen J. O'Brien, Eduardo Eizirik, Warren E. Johnson, Klaus-Peter Koepfli, Andreas Wilting, Jörns Fickel, Love Dalén, Eline D. Lorenzen, Tomas Marques-Bonet, Anders J. Hansen, Guojie Zhang, Jong Bhak, Nobuyuki Yamaguchi, and M. Thomas P. Gilbert. 2020. *Genomic Adaptations and Evolutionary History of the Extinct Scimitar-Toothed Cat, *Homotherium latidens**. Curr Biol. **2020**. Dec 21;30(24):5018-5025.e5
16. Kathrin Nägele†*, Cosimo Posth†, Miren Iraeta Orbegozo, Yadira Chinique de Armas, Silvia Teresita Hernández Godoy, Ulises M. González Herrera, Maria A. Nieves-Colón, Marcela Sandoval-Velasco, Dorothea Mylopotamitaki, Rita Radzeviciute, Jason Laffoon, William J.

- Pestle, **Jazmín Ramos-Madrigal**, Thiseas C. Lamnidis, William C. Schaffer, Robert S. Carr, Jane S. Day, Carlos Arredondo Antúnez, Armando Rangel Rivero, Antonio J. Martínez-Fuentes, Edwin Crespo-Torres, Ivan Roksandic, Anne C. Stone, Carles Lalueza-Fox, Menno Hoogland, Mirjana Roksandic, Corinne L. Hofman, Johannes Krause*, and Hannes Schröder*. *Genomic Insights into the Early Peopling of the Caribbean*. *Science* **2020**. 369 (6502): 456-60.
17. Logan Kistler*, Vanessa C. Bieker, Michael D. Martin, Mikkel Winther Pedersen, **Jazmín Ramos Madrigal**, and Nathan Wales. *Ancient Plant Genomics in Archaeology, Herbaria, and the Environment*. *Annual Review of Plant Biology* **2020**. 71 (April): 605-29.
 18. Frido Welker, **Jazmín Ramos-Madrigal**, Martin Kuhlwilm, Wei Liao, Petra Gutenbrunner, Marc de Manuel, Diana Samodova, Meaghan Mackie, Morten E. Allentoft, Anne-Marie Bacon, Matthew J. Collins, Jürgen Cox, Carles Lalueza-Fox, Jesper V. Olsen, Fabrice Demeter, Wei Wang, Tomas Marques-Bonet*, and Enrico Cappellini*. *Enamel proteome shows that Gigantopithecus was an early diverging Pongine*. *Nature* **2019**. 576 (7786): 262-65.
 19. Enrico Cappellini*, Frido Welker, Luca Pandolfi, **Jazmin Ramos Madrigal**, Anna K. Fotakis, David Lyon, Victor J. Moreno Mayar, Maia Bukhsianidze, Rosa Rakownikow Jersie-Christensen, Meaghan Mackie, Aurélien Ginolhac, Reid Ferring, Martha Tappen, Eleftheria Palkopoulou, Diana Samodova, Patrick Rütther, Marc Dickinson, Tom Stafford, Yvonne L. Chan, Anders Götherström, Sen Nathan, Peter Heintzman, Joshua Kapp, Irina Kirillova, Mike Bruford, Yosh Moodley, Jordi Agustí, Ralf-Dietrich Kahlke, Gocha Kiladze, Bienvenido Martínez-Navarro, Shanlin Liu, Marcela Sandoval Velasco, Mikkel Sinding, Christian Kelstrup, Morten Allentoft, Anders Krogh, Ludovic Orlando, Kirsty Penkman, Beth Shapiro, Lorenzo Rook, Love Dalen, M. Thomas P. Gilbert, Jesper V. Olsen, David Lordkipanidze, Eske Willerslev*. *Early Pleistocene enamel proteome sequences from Dmanisi resolve Stephanorhinus phylogeny*. *Nature* **2019**. 574 (7776): 103-7
 20. Julie M. Schablitsky, Kelsey E. Witt, **Jazmín Ramos Madrigal**, Martin R. Ellegaard, Ripan S. Malhi*, Hannes Schröder*. *Ancient DNA analysis of a nineteenth century tobacco pipe from a Maryland slave quarter*. *Journal of Archaeological Science* **2019**. 105 (May): 11-18.
 21. Logan Kistler*, S. Yoshi Maezumi, Jonas Gregorio de Souza, Natalia A. S. Przelomska, Flaviane Malaquias Costa, Oliver Smith, Hope Loiselle, **Jazmín Ramos-Madrigal**, Nathan Wales, Eduardo Rivail Ribeiro, Ryan R. Morrison, Claudia Grimaldo, Andre P. Prous, Bernardo Arriaza, M. Thomas P. Gilbert, Fabio de Oliveira Freitas, Robin G. Allaby*. *Multiproxy evidence highlights a complex evolutionary legacy of maize in South America*. *Science* **2018**. 362 (6420): 1309-13
 22. Faezah Mohd Salleh*, **Jazmín Ramos-Madrigal**, Fernando Peñaloza, Shanlin Liu, Mikkel-Holger S. Sinding, Riddhi P. Patel, Renata Martins, Dorina Lenz, Christian Roos, Mohd Shahir Shamsir, Mohammad Shahfiz Azman, Burton K. Lim, Stephen J. Rossiter, Andreas Wilting, M. Thomas P. Gilbert*. 2017. *An expanded mammal mitogenome dataset from Southeast Asia*. *Gigascience*. **2017**. Aug 1;6(8):1-8
 23. Nathan Wales, **Jazmín Ramos Madrigal**, Enrico Cappellini, Aldo Carmona Baez, José Alfredo Samaniego Castruita, J. Alberto Romero-Navarro, Christian Carøe, María C. Ávila-Arcos, Fernando Peñaloza, J. Víctor Moreno-Mayar, Boris Gasparyan, Diana Zardaryan, Tamara Bagoyan, Alexia Smith, Ron Pinhasi, Giovanna Bosi, Girolamo Fiorentino, Anna Maria Grasso, Alessandra Celant, Guy Bar-Oz, Yotam Tepper, Allan Hall, Simone Scalabrin, Mara Miculan, Michele Morgante, Gabriele Di Gaspero, M. Thomas P. Gilbert*. *The limits and potential of paleogenomic techniques for reconstructing grapevine domestication*. *Journal of Archaeological Science* **2016**. 72 (August): 57-70

24. Rute R da Fonseca, Anders Albrechtsen, Gonçalo Espregueira Themudo, **Jazmín Ramos-Madrigal**, Jonas Andreas Sibbesen, Lasse Maretty, M Lisandra Zepeda-Mendoza, Paula F Campos, Rasmus Heller, Ricardo J Pereira. *Next-generation biology: Sequencing and data analysis approaches for non-model organisms*. Mar Genomics. **2016**. Dec; 30:3-13.
25. Nathan Wales, Christian Carøe, Marcela Sandoval-Velasco, Cristina Gamba, Ross Barnett, José Alfredo Samaniego, **Jazmín Ramos Madrigal**, Ludovic Orlando, M Thomas P Gilbert. 2015. *New insights on single-stranded versus double-stranded DNA library preparation for ancient DNA*. Biotechniques. **2015**. Dec 1; 59(6):368-71