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EDUCATION AND DEGREES

- 2002 Ph.D. in Prehistory, with the highest distinction (eq. to *Cum Laude*). Université de Perpignan, France.
- 1999 *Diplôme d'Etudes Approfondies* (equivalent to the Master degree) in Quaternary geology, Human Paleontology and Prehistory with honors. Université de Perpignan, France.
- 1998 M.S. (*Maîtrise*) in Biology of populations and ecosystems, with honors. Université Paul Sabatier, Toulouse, France.
- 1997 B.S. (*Licence*) in Biology of organisms and Associate's Degree in Sciences and Biology. Université Paul Sabatier, Toulouse, France.

CURRENT PROFESSIONAL STATUS

ICREA research professor at *Institut Català de Paleoecologia Humana i Evolució Social* (IPHES-CERCA) Tarragona, Spain (Since October 2013).

PREVIOUS POSITIONS

- Dec. 2010 – Aug. 2024 Associate professor at Universitat Rovira i Virgili, Tarragona, Spain.
- Feb. 2012 – Sept. 2013 Researcher at Institut Català de Paleoecologia Humana i Evolució Social (IPHES) Tarragona, Spain.
- Feb. 2007 – Jan. 2012 ICREA Researcher at Institut Català de Paleoecologia Humana i Evolució Social (IPHES) Tarragona, Spain.
- Nov. 2006 – Jan. 2007 Postdoctoral Research scientist at the Fitch Laboratory, British School at Athens, Greece.
- Nov. 2005 – Oct. 2006 Postdoctoral Research scientist at the Biozentrum Grindel and Zoological Museum, University of Hamburg, Germany.
- Jan. 2004 – Dec. 2006 Adjunct Assistant Professor in the Department of Anatomy of the New York College of Osteopathic Medicine, USA.
- Jan. 2004 – Oct. 2005 Postdoctoral Research scientist at the Division of Paleontology of the American Museum of Natural History, New York, U.S.A.
- Dec. 2002 – Dec. 2003 Postdoctoral Research scientist at the Centre Européen de Recherches Préhistoriques, Tautavel, France.
- Sept. 1998 – Nov. 2002 Predoctoral research contract with MERT (French Ministry of Education, Research and Technology).

PROFESSIONAL VISITS IN FOREIGN RESEARCH CENTERS (stays of 1 month min.)

- 2018 Institute of Archaeology of the Hebrew University of Jerusalem, Israel (3 months)
- 2013 Azabu University, Fuchinobe (Kanawaga), Japan (1 month)
- 2012 National History Museum, London, U.K. (1 month)
- 2011 Instituto Nacional de Antropología y Pensamiento Latinoamericano, Buenos Aires, Argentina (1 month)
- 2010 Bay Path University, Massachusetts, U.S.A. (6 weeks)
- 2006 Fitch Laboratory, British School at Athens, Greece (3 months)
- 2002 Janashia Georgian State Museum, Tbilisi, Republic of Georgia (1 month)
- 1999 Museo de Arqueología de Banyoles, Spain (3 months)

RESEARCH

Research interests:

- Development of new applications of dental wear analyses and integration of multi-proxy analyses in archaeological contexts to better characterize seasonal variation in the diets of fossil ungulates and the relation with hominid behavior, ecology, and cultural evolution.
- Reconstruction of the diet, dietary changes, and ecological settings for Pleistocene ungulates. I am especially interested in comparing paleodietary adaptation via quantitative dental microwear and mesowear techniques to examine dietary changes during significant climatic events.

Field work:

Current projects:

- Teixoneres and Toll caves, Moia (Barcelona), Spain – **Co-direction** of the excavations of two Late Pleistocene sites with Neanderthal and carnivore occupations.
- Ain Beni Mathar-Guefaït, Jerada (Morocco) - **Team member** for the excavations of Plio-Pleistocene sites.

Past projects:

- 2012–2017: Cau del Roure, Serinyà (Girona), Spain. **Team member** for the excavations of a Late Pleistocene – Holocene site in the *Paratge del Reclau Viver*.
- 2014-2016: Cova de les Llenes, Conca de Dalt (Lleida), Spain – **Team member** for the excavations of a Middle Pleistocene site.
- 2010-2015: Abri du Maras, Saint-Martin d'Ardèche, France – **Team member** for the excavations of a Late Pleistocene site with Neanderthal occupations.
- 2006–2010: TM 71 cave, Fontanès-de-Sault, France. **Expert** for the evaluation of the paleontological interest of the cave (listed as a protected natural park).
- 1998–2003: Caune de l'Arago Cave, Tautavel, France. **Co-direction** of the excavation from 1999 to 2003.
- 1999–2000: Castel 2 cave, Bessède-de-Sault, France. **Team member** for the excavations of an Upper Pleistocene carnivore den.

Museum research: I have conducted research in various museums and collections in Argentina, Austria, Azerbaijan, Canada, France, Germany, Greece, Ireland, Israel, Japan, Netherlands, Republic of Georgia, Spain, Tanzania, Turkey, UK, and USA.

GRANTS AND PERSONAL FUNDING

On-going grants:

- 2023 – 2026: **Principal investigator**. Neanderthal behaviour and paleoecology in Mediterranean ecosystems (2). Funded by the **Ministerio de Ciencia e Innovación** (Proyecto coordinado I+D+i: PID2022-138590NB-C41).
- 2022 – 2024: **Researcher**. Grup d'anàlisi de processos socioecològics, canvis culturals i dinàmiques de població a la Prehistòria (GAPS). Funded by [AGAUR](#) (*Agència de Gestió d'Ajuts Universitaris i de Recerca*) Project 2021-SGR-01237 (Coord.: E. Allué).
- 2022 – 2025: **Researcher** in 4 *Projectes de recerca en matèria d'arqueologia i paleontologia*. Funded by: Generalitat de Catalunya, Departament de Cultura.
- Competència, co-evolució i comensalisme: l'ús d'ambients càrstics per humans i carnívors durant el Paleolític Mitjà. CLT009/22/000045. PI: J. Rosell.
 - Arrels prehistòriques de la transhumància a l'Alt Ripollès. CLT009/22/000042. PI: C. Tornero.
 - Territoris prehistòrics de la Conca de l'Anoia I. CLT009/22/00004. PI: J. Vallverdú.
 - El Plio-Pleistocè del Camp dels Ninots i la depressió Prelitoral: evolució paleoclimàtica, dispersions faunístiques i humanes. CLT009/22/000043. PI: G. Campeny.
- 2022 – 2025: **Researcher**. Environnements et gestion des grands herbivores par Néandertal dans les plaines de France septentrionale : recherches intégrées – BigGame. Funded by ANR (France) Project ANR-21-CE03-0009 (PI: P. Auguste).

Previous grants:

- 2020 – 2024: COST Action "[Integrating Neanderthal Legacy: From Past to Present](#)" (grant number CA19141). PI: Prof. Ivor Janković. Funded by the European Union.
- **Committee member (Spain)**
 - **Grant Awarding Coordinator** (STSMs, conference grants, dissemination meeting grants)
- 2020 – 2023: **Principal investigator**. Neanderthal behaviour and paleoecology in Mediterranean ecosystems. Funded by the **Ministerio de Ciencia e Innovación** (Proyecto coordinado I+D+i: PID2019-103987GB-C31).
- 2007 – 2022: **Principal investigator** for six [SYNTHESYS](#) grants: Paleoecology and dietary adaptations in Pleistocene ungulates: changes through time and space. Funded by the **European Commission's Research Infrastructure Action** via the SYNTHESYS Projects NL-TAF-3078 (2007), AT-TAF-4385 (2008), GB-TAF-59 (2010), GB-TAF-1829 (2012), DE-TAF-5375 (2016) and IL-TAF-7040 (2022).
- 2017 – 2021: **Researcher**. Grup d'anàlisi de processos socioecològics, canvis culturals i dinàmiques de població a la Prehistòria (GAPS). Funded by [AGAUR](#) (*Agència de Gestió d'Ajuts Universitaris i de Recerca*) Project 2017-SGR-836 (Coord.: E. Allué).
- 2018 – 2021: **Researcher** in 5 *Projectes quadriennals de recerca en matèria d'arqueologia i paleontologia*. Funded by: Generalitat de Catalunya, Departament de Cultura.
- 2018 – 2021: **Researcher**. International Research Network (IRN) N°GDRI0871. TAPHEN: European Network for Quaternary Taphonomy. Funded by the CNRS, France. PI: J.P. Brugal.
- 2020: **Principal investigator**. Identificación de restos Neandertales en la Cova de les Teixoneres (Moià, Barcelona) mediante Zooarqueología por Espectrometría de Masas (ZooMS). Funded by the [Fundación Palarg](#).
- 2017 – 2019: **Principal investigator**. Snapshots of Neanderthal lifestyles 2: Behavioral patterns and high resolution archaeology. Funded by the **Ministerio de Economía y Competitividad** (Programa Estatal de Fomento de la Investigación Científica y Técnica de Excelencia, project HAR2016-76760-C3-1-P).
- 2017 – 2018: **Principal investigator**. Estudio de mamíferos en el nicho ecológico de los humanos modernos y los Neandertales en el sur del Levante – viejas preguntas, nuevas respuestas con herramientas de alta resolución. Funded by the **Ministerio de Educación, Cultura y Deporte** (Programa "Salvador de Madariaga", grant PRX17-00116).

- 2017: **Researcher**. Evolución del poblamiento humano durante el cuaternario en Marruecos Oriental: Ain Béni Mathar – Guéfaït (Provincia de Jerada). Funded by [Fundación PALARQ](#) (PIs: M.G Chacón, R. Sala, H. Aouraghe).
- 2017: **Researcher**. Integrated analysis on transhumance activities in the Eastern Pyrenees: enhancing mountain Cultural Landscapes. Funded by CERCA Centres Integration Programme (**SUMA**) "Joint Research Program" (PIs: J.M. Palet, C. Tornero).
- 2014 – 2016: **Principal investigator**. Snapshots of Neanderthal lifestyles: Behavioral patterns and high resolution archaeology. Funded by the **Ministerio de Economía y Competitividad** (Programa Estatal de Fomento de la Investigación Científica y Técnica de Excelencia, project HAR2013-48784-C3-1-P).
- 2014 – 2016: **Researcher**. Grup d'anàlisis de processos socioecològics, canvis culturals i dinàmiques de població a la Prehistòria (GAPS). Funded by [AGAUR \(Agència de Gestió d'Ajuts Universitaris i de Recerca\)](#) Project 2014-SGR-900 (Coord.: M. Vaquero).
- 2014 – 2017: Projectes quadriennals de recerca en matèria d'arqueologia i paleontologia:
- **Researcher**. Compartint l'espai: interaccions entre homínids i carnívors al nord-est peninsular. Ref: 2014/100573 (PI: J. Rosell).
- **Researcher**. El Plio-pleistocè del Camp dels Ninots i la depressió prelitoral: evolució paleoclimàtica, dispersions faunístiques i humanes. Ref: 2014/100575 (PI: J. Agustí).
Funded by **Departament de Cultura de la Generalitat de Catalunya**.
- 2014 – 2016: **Researcher**. Entre plaines et montagnes: espaces de subsistance et expressions culturelles au Paléolithique moyen dans le Massif central (Auvergne-Ardèche). Funded by the **Régions Auvergne et Rhône-Alpes, France** (PCR: Projet Collectif de Recherche). (PIs: J. Jaubert, Bordeaux & M.H. Moncel, Paris).
- 2011 – 2013: **Principal investigator**. Instantáneas paleolíticas de la paleoecología Neandertal. Funded by the **Secretaría de Estado de I+D+i del Ministerio de Economía y Competitividad** (Programa Nacional de Proyectos de Investigación Fundamental, project HAR2010-19957/HIST).
- 2011 – 2013: **Researcher**. Espaces de subsistance au Paléolithique moyen dans le sud du Massif Central. Funded by the **Ministère de la Culture, France** (Projet Collectif de Recherche). PIs: J. Jaubert & M.H. Moncel.
- 2013: **Principal investigator**. Paleoecology in archaeological sites: a view from dental wear analysis of extant catastrophic mass mortality assemblages. Funded by [AGAUR \(Agència de Gestió d'Ajuts Universitaris i de Recerca\)](#). Beques per a estades de recerca fora de Catalunya. Project 2012-BE-93.
- 2010: **Principal investigator**. Paleoenvironments of the first Paleoindians in the northeastern United States. Funded by [AGAUR \(Agència de Gestió d'Ajuts Universitaris i de Recerca\)](#). Beques per a estades de recerca fora de Catalunya. Project 2010-BE-679.
- 2009 – 2013: **Researcher**. Climatic and environmental context of the human dispersals during the Pleistocene. Funded by [AGAUR \(Agència de Gestió d'Ajuts Universitaris i de Recerca\)](#) Project 2009-SGR-324 (PI: J. Agustí).
- 2008: **Principal investigator**. Nuevas metodologías para la reconstrucción de los paleoambientes en el contexto prehistórico. Funded by the **Ministerio de Asuntos Exteriores y de Cooperación and AECID** (CF-262).
- 2006 – 2007: **Principal investigator**. Diet of wild and domestic ungulates during the Middle Neolithic to Early Helladic at Kouphovouno (Laconia, Greece). Funded by the Bioarchaeology bursary of the **Fitch Laboratory – British School at Athens**.
- 2005 – 2006: **Principal investigator**. Modeling of seasonality in the diets of Pleistocene ungulates – a new application of dental microwear and mesowear analyses. Funded by the **Alexander von Humboldt Foundation**.
- 2004 – 2005: **Principal investigator**. Dietary traits of North American ungulates and their variations through

space. Funded by a Lavoisier postdoctoral grant of the **French Ministry of Foreign Affairs**.

2001 – 2003: **Researcher**. Mousterian cultures from Caucasus: Russia, Azerbaijan, Georgia (120,000 – 35,000 years). Funded by **INTAS** (International Association for the Promotion of Cooperation with Scientists from the New Independent States of the Former Soviet Union) project 00-0544. (PI: H. de Lumley).

1998 – 2002: **Predoctoral and doctoral research grant** of the French Ministry of Education, Research and Technology (support for the Master and PhD).

RESEARCH CONTRACTS WITH ENTREPRISES AND/OR ADMINISTRATION

2015 – 2016: **Principal investigator** for “Étude du régime alimentaire et contexte paléoécologique du renne de Verberie”. **PCR "Paléolithique final et Mésolithique dans le Bassin Parisien et ses marges"**. 2400 €.

June 2015: **Principal investigator** for “Étude du régime alimentaire et contexte paléoécologique du mammoth de Changis-sur-Marne”. **Direction Régionale des Affaires Culturelles (DRAC) Ile-de-France**. 1300 €.

2009 – 2010: **Principal investigator** for the paleontological expertise of the TM71 cave (Aude, France). **Conseil Régional Languedoc-Roussillon, France**. 9000 €.

RESEARCH MANAGEMENT EXPERIENCE

- Management of projects funded by the *Ministerio de Ciencia e Innovación* (since 2011). Scientific and administrative management of the project. Coordination of the research team.
- Management committee and Grant Awarding Coordinator for the [COST Action CA19141](#) (2020-2024).


ORGANISATION OF SYMPOSIUMS AND SESSIONS AT CONFERENCES

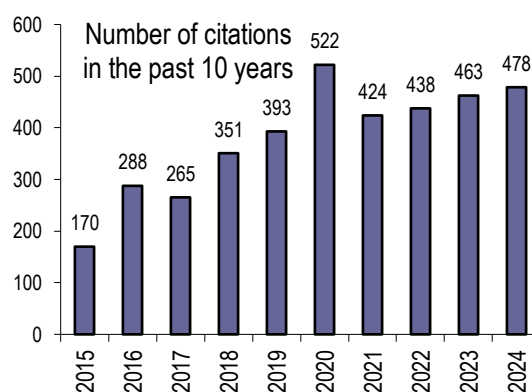
- Co-organization of the session “Integrating Neanderthal Legacy: From Past to Present. From Science to Society” held during the 30th EAA Annual Meeting in Rome, Italy (28-31/08/2024).
- Co-organization of the session “Multiproxy studies to assess diets, habitats, seasonality and mobility in the archaeological record” held during the 14th International Conference of Archaeozoology (ICAZ) at Cairns, Australia (8-12/08/2023).
- Organization of the iNEAL workshop on Integrative paleoecology: multiproxy analyses to reconstruct Neanderthal paleoecology, seasonality and mobility based on mammal assemblages. IPHES Tarragona and online, 28/02/2023.
- Co-organization of the session “High-resolution analyses of dental remains: broadening horizons” held during the 13th International Conference of Archaeozoology (ICAZ) at Ankara, Turkey (2-7/09/2018).
- Co-organization of the session “Is ‘Neanderthal behaviour’ a useful concept? Multiscalar approaches to the behavioural diversity of Middle Palaeolithic Neanderthal populations” held at Paris (France) June 4th-9th, 2018 during the XVIII World UISPP Congress (*Union Internationale des Sciences Préhistoriques et Protohistoriques*).
- Co-organization of the 60th Annual Meeting of the Obermaier Society, held at Tarragona (Spain) April 3 - 7, 2018.
- Co-organization of the symposium “Multidisciplinary approach in the definition of high-resolution events to interpret past human behaviour” held at Kyoto (Japan) Aug. 28 - Sept. 2, 2016 during the 8th World Archaeological Congress (WAC8).
- Co-organization of the session “Stories written in teeth: New archaeological insights from tooth related studies”

held at San Rafael (Argentina) Sept. 22-27, 2014 during the 12th Conference of the International Council for Archaeozoology (ICAZ).

- Co-organization of the session "Neanderthals on their own terms: new perspectives for the study of Middle Paleolithic behaviour" held at Burgos (Spain) Sept. 1st–7th, 2014 during the XVII World UISPP Congress (*Union Internationale des Sciences Préhistoriques et Protohistoriques*) with the support of the UISPP Commission Settlement Dynamics of the Middle Paleolithic and Middle Stone Age.
- Co-organization of the 2009 INQUA-SEQS congress "The Quaternary of Southern Spain: a bridge between Africa and the Alpine domain". Held at Orce (Andalucía, Spain), Sept. 28th–Oct. 3rd, 2009.
- Co-organization of the symposium "Mammalian evolution in the contexts of paleoecological and climatic change". Held at the 65th Annual Meeting of the Society of Vertebrate Paleontology, Mesa (USA), Oct. 19–22, 2005.

PUBLICATIONS

To date, I have published **176 papers** in peer-reviewed journals (first author or corresponding author in 58 of them). Those papers received a total of **4472 citations**, and an **H-index = 38** (Scopus database, December 2024). I also edited 1 book (Academic Press, 2022) and have published 15 book chapters and 10 papers in congress proceedings with referees. A total of **63** of these publications are available online in **Open Access**. 



Publications in peer-reviewed journals



- 2024** [176] **Rivals F.**, Belyaev R.I., Basova V.B., Prilepskaya N.E., 2024. A tale from the Neogene savanna: Paleocology of the hipparion fauna in the northern Black Sea region during the late Miocene. *Palaeogeography, Palaeoclimatology, Palaeoecology* 642, 112133. 
- [175] Sanz M., Daura J., **Rivals F.**, Zilhão J., 2024. The residential occupation of the Gruta da Aroeira (Almonda, Portugal) cave site: shedding light on hunting and subsistence practices in the Middle Pleistocene of western Eurasia. *Archaeological and Anthropological Sciences* 16, 139. <https://doi.org/10.1007/s12520-024-02026-0> 
- [174] Valensi P., Boulbes N., **Rivals F.**, 2024. The Magdalenian horse (*Equus ferus arcelini*) from Roc-aux-Sorciers (Angles-sur-l'Anglin, France): Seasonality and paleoecology. *Quaternary Environments and Humans* 2, 100027. <https://doi.org/10.1016/j.geh.2024.100027> 
- [173] Drucker D.G., **Rivals F.**, Nadal J., Rufi I., Soler J., Soler N., Maroto J., 2024. Ecology of large ungulates in the northeastern Iberian Peninsula during the Upper Palaeolithic through stable isotopes and tooth wear analysis. *Quaternary Environments and Humans* 2, 100011. <https://doi.org/10.1016/j.geh.2024.100011> 
- [172] Uzunidis A., Blasco R., Brugal J., Fourcade T., Ochando J., Rosell J., Roussel A., Rufà A., Sánchez Goñi M.F., Texier P.-J., **Rivals, F.**, 2024. Neanderthal hunting grounds: The case of Teixoneres Cave (Spain) and Pié Lombard rockshelter (France). *Journal of Archaeological Science* 168, 106007. <https://doi.org/10.1016/j.jas.2024.106007> 
- [171] Uzunidis A., Brugal J., Croitor R., Daura J., Magniez P., Panera J., Rubio-Jara S., Sanz M., Yravedra J., **Rivals F.**, 2024. Paleocology of an extinct Cervidae (*Haploidoceros mediterraneus*) of the Middle-late Pleistocene in Southern Europe. *Palaeogeography, Palaeoclimatology, Palaeoecology* 656, 112565. <https://doi.org/10.1016/j.palaeo.2024.112565> 
- [170] Thun Hohenstein U., Caffarelli L., Arnetta G., **Rivals F.**, Pozzobon P., Gialanella S., Delpiano D., Peresani M., 2024. Taphonomy of the fauna and chert assemblages from the Middle Palaeolithic 





- site of Vajo Salsone, Eastern Italian Alps. *Quaternary Science Advances* 14, 100183. <https://doi.org/10.1016/j.gsa.2024.100183>
- [169] Micó C., Cuartero F., Llamazares J., Sañudo P., Zalbidea L., **Rivals F.**, Blasco R., 2024. Using horse teeth to shape stone tools: an experimental approach to characterise use-wear traces. *Archaeological and Anthropological Sciences* 16, 87. <https://doi.org/10.1007/s12520-024-01988-5>
- [168] Micó C., Blasco R., **Rivals F.**, 2024. Simulating taphonomic processes on teeth: The impact of sediment pressure and thermal alteration on dental microwear. *Quaternary Science Advances* 14, 100195. <https://doi.org/10.1016/j.gsa.2024.100195>
- [167] Micó C., Blasco R., Muñoz Del Pozo A., Jiménez-García B., Rosell J., **Rivals F.**, 2024. Differentiating taphonomic features from trampling and dietary microwear, an experimental approach. *Historical Biology* 36, 760–782. <https://doi.org/10.1080/08912963.2023.2184690>
- [166] Martínez-Polanco M.F., Galán López A.B., **Rivals F.**, 2024. Insights into archaeological and modern neotropical biomes: Examining diet and shape variation through white-tailed deer lower third molar. *Quat. Environ. Humans* 2, 100035. <https://doi.org/10.1016/j.qeh.2024.100035>
- [165] Pizarro-Monzo M., Rosell J., Rufà A., **Rivals F.**, Blasco R., 2024. A deep learning-based taphonomical approach to distinguish the modifying agent in the Late Pleistocene site of Toll Cave (Barcelona, Spain). *Hist. Biol.* 36, 2114–2123. <https://doi.org/10.1080/08912963.2023.2242370>
- [164] Jiménez-García B., Micó C., Pizarro-Monzo M., Cifuentes-Alcobendas G., Arilla M., Rosell J., **Rivals F.**, Blasco R., Baquedano E., Domínguez-Rodrigo M., 2024. Artificial intelligence for the identification of taphonomic bio-accumulator agents: an actualistic test of potential faunal accumulation agency applied to Tritons Cave (Lleida, Spain). *Royal Society Open Science* 11, 241168. <https://doi.org/10.1098/rsos.241168>
- [163] Ramírez-Pedraza I., Tornero C., Aouraghe H., **Rivals F.**, Patalano R., Haddoumi H., Expósito I., Rodríguez-Hidalgo A., Mischke S., van der Made J., Piñero P., Blain H.-A., Roberts P., Jha D.K., Agustí J., Sánchez-Bandera C., Lemjidi A., Benito-Calvo A., Moreno-Ribas E., Oujaa A., Mhamdi H., Souhir M., Aissa A.M., Chacón M.G., Sala-Ramos R., 2024. Arid, mosaic environments during the Plio-Pleistocene transition and early hominin dispersals in northern Africa. *Nature Communications* 15, 8393. <https://doi.org/10.1038/s41467-024-52672-0>
- [162] Orbach M., Hartman G., **Rivals F.**, Zeigen C., Zaidner Y., Yeshurun R., 2024. Death at the water hole: Opportunistic hunting and scavenging events in the upper sequence of Middle Paleolithic Neshar Ramla, Israel. *Quaternary Science Reviews* 339, 108852. <https://doi.org/10.1016/j.quascirev.2024.108852>
- [161] Duñó-Iglesias P., Ramírez-Pedraza I., **Rivals F.**, Mirea I.-C., Faur L., Constantin S., Robu M., 2024. Palaeodiet during the pre-dormancy period of MIS 3 Romanian cave bears as inferred from dental microwear analysis. *Palaeogeography, Palaeoclimatology, Palaeoecology* 636, 111988. <https://doi.org/10.1016/j.palaeo.2023.111988>
- [160] Duñó-Iglesias P., Ramírez-Pedraza I., **Rivals F.**, Prilepskaya N.E., Belyaev R.I., Baryshnikov G.F., 2024. Dental microwear analysis of Kudaro cave bears: Insights into dietary evolution from the Middle to Late Pleistocene. *Palaeogeography, Palaeoclimatology, Palaeoecology* 653, 112417. <https://doi.org/10.1016/j.palaeo.2024.112417>
- 2023** [159] **Rivals F.**, Cohen J., Desclaux E., 2023. Dietary traits of the ungulates from the Middle Pleistocene sequence of Lazaret Cave: palaeoecological and archaeological implications. *Archaeological and Anthropological Sciences* 15, 23. <https://doi.org/10.1007/s12520-023-01719-2>
- [158] **Rivals F.**, Belyaev R.I., Basova V.B., Prilepskaya N.E., 2023. Hogs, hippos or bears? Paleodiet of European Oligocene anthracotheres and entelodonts. *Palaeogeography, Palaeoclimatology, Palaeoecology* 611, 111363. <https://doi.org/10.1016/j.palaeo.2022.111363>
- [157] Uzunidis A., **Rivals F.**, 2023. Where and when? Combining dental wear and death seasons to improve paleoenvironmental reconstruction through ungulate diets. *Journal of Archaeological Science: Reports* 52, 104258. <https://doi.org/10.1016/j.jasrep.2023.104258>

- [156] Uzunidis A., **Rivals F.**, Rufà A., Blasco R., Rosell J., 2023. The exceptional presence of *Megaloceros giganteus* in North-Eastern Iberia and its palaeoecological implications: The case of Teixoneres Cave (Moià, Barcelona, Spain). *Diversity* 15, 299.
- [155] Duñó-Iglesias P., **Rivals F.**, Lloveras L., Nadal J., 2023. Seasonality and mobility of Epipaleolithic groups in the north-east of the Iberian Peninsula: tooth wear analysis of ungulates from Balma del Gai. *Archaeological and Anthropological Sciences* 15, 89.
- [154] Muñoz del Pozo A., Gómez de Soler B., Bustos-Pérez G., Chacón M.G., Picin A., Blasco R., **Rivals F.**, Rufà A., Rosell J., 2023. Analysis and classification of Middle Palaeolithic lithic raw materials from Teixoneres cave: Project overview and initial results. *Acta IMEKO* 12, 1–7.
- [153] de la Fuente Juez H., Marta Navazo M., Alfonso Benito-Calvo A., **Rivals F.**, Amo-Salas M., Alonso-García P., 2023. Too good to go? Neanderthal subsistence strategies at Prado Vargas Cave (Burgos, Spain). *Archaeological and Anthropological Sciences* 15, 164.
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- Camarós E., Cueto M., Teira L.C., Ollé A., **Rivals F.**, 2017. Walking with carnivores: Experimental approach to hominin-carnivore interaction. *In*: Alonso R., Baena J., Canales D., Playing with the Time: Experimental Archaeology and the study of the Past. Servicio de Publicaciones de la Universidad Autónoma de Madrid, pp. 159-164.
- Chacón Navarro M.G., Fernández-Laso M.C., **Rivals F.**, 2014. Comportements des populations néandertaliennes pendant le MIS 3 à l'Abric Romaní : les niveaux K, L et M. Variabilité ou continuité? *In*:

- Jaubert J., Fourment N., Depaepe P. (eds.), Actes du XXVIIe Congrès préhistorique de France (Bordeaux - Les Eyzies, 31 mai-5 juin 2010), Transitions, ruptures et continuité en Préhistoire, vol. 2: Paléolithique et Mésolithique. Société Préhistorique Française, Paris, pp. 207-228.
- Moncel M.-H., Fernandes P., Chacón Navarro M.G., de Lombera A., Menéndez L., Youcef S., Moigne A.-M., Patou-Mathis M., Daujeard C., **Rivals F.**, Theodoropoulou A., Valladas H., Mercier N., Bahain J.-J., Voinchet P., Falguères C., Michel V., Guanjun S., Yokoyama Y., Combier J., 2014. Emergence et diversification des stratégies au Paléolithique moyen ancien (350.000 à 120.000 ans) dans la Vallée du Rhône (France). Les sites d'Ornac 3 et Payre. In: Jaubert J., Fourment N., Depaepe P. (eds.), Actes du XXVIIe Congrès préhistorique de France, Transitions, ruptures et continuité en Préhistoire, vol. 2: Paléolithique et Mésolithique. Société Préhistorique Française, Paris, pp. 59-79.
- Camarós E., Cueto M., Teira L.C., Tapia J., Cubas M., **Rivals F.**, 2013. Aproximación experimental a la modificación de hogares por parte de carnívoros durante el Pleistoceno. Metodología y primeros resultados. In: Palomo A., Piqué R., Terradas X. (Eds.), Experimentación en arqueología. Estudio y difusión del pasado. Série Monográfica del MAC-Girona 25.2, Girona, pp. 417-424 (ISBN: 978-84-393-9024-4).
- Rivals F.**, Moigne A.-M. 2007. Saison d'occupation et stratégies de chasse au Paléolithique inférieur, l'exemple de la Caune de l'Arago (Tautavel, Pyrénées-Orientales). In: M.-H. Moncel, A.-M. Moigne, M. Arzarello, C. Peretto (eds.), *Aires d'approvisionnement en matières premières et aires d'approvisionnement en ressources alimentaires. Approche intégrée des comportements, Actes du XV Congrès Mondial (Lisbonne, 4-9 Septembre 2006) Vol. 5*. Archaeopress, Oxford, pp. 17-25.
- Rivals F.**, Moigne A.-M., Deniaux B. 2005. Caractérisation des variations paléo-environnementales d'après l'alimentation des caprinés chassés par les hommes du Paléolithique inférieur et moyen en Languedoc-Roussillon. In: N. Molines, M.-H. Moncel, J.-L. Monnier (eds.), *Données récentes sur les modalités de peuplement et sur le cadre chronostratigraphique, géologique et paléogéographique des industries du Paléolithique ancien et moyen en Europe*, Archaeopress, Oxford, pp. 115-123.
- Pernaud J., Quiles J., **Rivals F.** 2004. La faune de la fin du Pléistocène dans la haute vallée de l'Aude: L'exemple de la grotte du Castel 2 à Bessède-de-Sault (Aude, France). In: Le Secrétariat du Congrès (eds.), *Section 3: Paléoécologie / Paleoeology, General sessions and posters, Acts of the XIVth UISPP Congress, University of Liège, Belgium*, Archaeopress, Oxford, 31-37.
- Rivals F.**, Testu A., Belda V. 2003. Le rôle des grands Carnivores dans l'accumulation de l'argali des niveaux inférieurs de la Caune de l'Arago (Pyrénées-Orientales, France). In: M. Patou-Mathis, H. Bocherens (eds.), *Acts of the XIVth UISPP Congress, University of Liège*, Archaeopress, Oxford, pp. 163-169.
- Rivals F.** 2001. The argali of the "Caune de l'Arago" (Southern France). Palaeoecology of a 440,000 years old population. In: A. Náhlik, W. Uloth (eds.), *Proceedings of the third international symposium on mouflon*, Sopron, Hungary, pp. 103-113.

Publications in congress proceedings without referees

- Marín J., Rodríguez-Hidalgo A., Vallverdú J., Gómez de Soler B., **Rivals F.**, Rabuñal J.R., Pineda, A., Tellez E., Chacón M.G., Carbonell E., 2022. Mobilitat logística al nivell P de l'Abric Romaní (Capellades, Anoia): estudi tafonòmic i espacial de les restes faunístiques, in: Tribuna d'Arqueologia 2019-2020. Generalitat de Catalunya. Departament de Cultura, Barcelona, pp. 34-64.
- Rosell Ardèvol J., Blasco López R., **Rivals F.**, 2021. Caminant entre feres: el Nen de Moià i els grans carnívors a les Coves del Toll i de les Teixonereres de Moià (Moianès), in: Tribuna d'Arqueologia 2018-2019. Generalitat de Catalunya. Departament de Cultura, Barcelona, pp. 72-89.
- Rosell, J., Blasco, R., **Rivals, F.**, Chacón, M.G., Picin, A., Arilla, M., Rufà, A., Andrés, M., Sánchez-Hernández, C., Bustos, G., Mateo, P., Ramírez, I., Fàbregas, J., 2019. El nen de Moià: Un nou repte en la recerca de la cova de les Teixonereres (Moià, Moianès). In: Actes IV Jornades d'Arqueologia de La Catalunya Central 2016. Generalitat de Catalunya, Departament de Cultura, pp. 146-152.
- Rosell J., Blasco R., **Rivals F.**, Chacón G., Picin A., Iriarte E., López-García J.M., Blain H.A., Camarós E., Arilla M., Fàbregas J., Rufà A., Sánchez C., Gómez G., Gómez de Soler B., Bustos G., Cebrià A., 2015. Els óssos hibernen, els neandertals passen: Noves dades sobre els desplaçaments per la Catalunya Central dels

- grups humans del Paleolític mig a partir dels resultats de les coves del Toll i de les Teixoneres (Moià, Bages). In: Blasco M.A. et al. (Eds.), *Actes III Jornades d'Arqueologia de la Catalunya Central 2014*, Generalitat de Catalunya, Departament de Cultura, pp. 95-99.
- Rosell J., Blasco R., **Rivals F.**, Camarós E., Arilla M., Fàbregas J., Rufà A., Sánchez C., 2014. Amagant les proves: Superposicions de l'activitat de carnívors i Neandertals a la Cova de les Teixoneres (Moià, Bages). In: Argemí M. et al. (Eds.), *Actes II Jornades d'Arqueologia de la Catalunya Central 2012*, Generalitat de Catalunya, Departament de Cultura, Vic, pp. 74-77.
- Rufí I., Ventura H., **Rivals F.**, Allué E., Vaquero M., Maroto J., 2014. Les campanyes arqueològiques al Cau del Roure durant els anys 2012-2013. In: Frigola Torrent J. (ed.), *Dotzenes jornades d'Arqueologia de les Comarques de Girona*. Generalitat de Catalunya, Departament de Cultura, pp. 43-48.
- Rosell J., Blasco R., Morales J.I., **Rivals F.**, Rodríguez-Hidalgo A., Cebrià A., Camarós E., 2012. Compartint l'espai: la interacció entre homínids i carnívors al nord-est peninsular (Cova del Toll i Cova de les Teixoneres, Moià, Bages). In: Argemí M. et al. (Eds.), *Actes I Jornades d'Arqueologia de la Catalunya Central 2010*, Generalitat de Catalunya, Departament de Cultura, Manresa, pp. 47-51.

Open Access documents and datasets

- Uzunidis A., **Rivals F.**, 2024. Paleoeecology of an extinct Cervidae (*Haploidoceros mediterraneus*) of Middle-Late Pleistocene in Southern Europe [Data set]. Zenodo. <https://doi.org/10.5281/zenodo.13380761>
- Rivals F.**, 2024. Dental raw mesowear and microwear data for *Equus ferus arcelini* from Roc-aux-Sorciers (France). Zenodo. <https://doi.org/10.5281/zenodo.12316317>
- Rivals F.**, 2024. Dental raw mesowear and microwear data for *Equus ferus* and *Cervus elaphus* from Abreda Cave (levels D-I) and Bora Gran (Spain). Zenodo. <https://doi.org/10.5281/zenodo.10961000>
- Rivals F.**, 2024. Dental raw mesowear and microwear data for the ungulates and carnivorans from Cioburciu 1, Grebeniki and Tudorovo (Late Miocene). Zenodo. <https://doi.org/10.5281/zenodo.10427231>
- Rivals F.**, 2023. Dental raw mesowear and microwear data for the ungulates from Units I, IIa and IIb from Neshor Ramla (Israel). Zenodo. <https://doi.org/10.5281/zenodo.8160579>
- Rivals F.**, 2022. Dental microwear data for the ungulates from the Lazaret Cave. Zenodo. <https://doi.org/10.5281/zenodo.7308555>
- Rivals F.**, 2022. Dental microwear data for *Anthracotheirus* sp. and *Entelodon magnus* from the Quercy Phosphorites formation. Zenodo. <https://doi.org/10.5281/zenodo.7259210>
- Rivals F.**, 2022. Dental microwear and mesowear raw data for European and East Asian Late Pleistocene hyenas *Crocota spelaea* and *C. ultima ussurica*. Zenodo. <https://doi.org/10.5281/zenodo.6466217>
- Rivals F.**, 2021. Dental microwear and mesowear raw data for *Equus ferus* and *Rangifer tarandus* from Sesselfelsgrötte. Zenodo. <https://doi.org/10.5281/zenodo.4756099>
- Martínez-Polanco M.F., Ramírez-Pedraza I., Guillén-Espínola M.D., **Rivals F.**, 2021. Protocol for molding and casting teeth for microwear analysis. Zenodo. <http://doi.org/10.5281/zenodo.4926101>
- Rivals F.**, 2020. Raw data and pictures for "Dramatic change in the *Elasmotherium* diet in the last days of life sheds light on their catastrophic mortality in the Saratov region (Russia)". Zenodo. <https://doi.org/10.5281/zenodo.3903105>
- Rivals F.**, 2020. Dietary traits and habitats of the reindeer (*Rangifer tarandus*) during the Late Glacial of Northern Europe. Zenodo. <https://doi.org/10.5281/zenodo.3670650>
- Rivals F.**, 2019. MicrowearBivaR: a code to create tooth microwear bivariate plots in R (Version 1). Zenodo. <http://doi.org/10.5281/zenodo.2587575>
- Rivals F.**, 2018. Measurements of *Ovis ammon antiqua* and *Hemitragus bonali* from the Middle Pleistocene site of Arago Cave (Tautavel). Mendeley Data, v1, <https://data.mendeley.com/datasets/m3f6t2dnvz/1>

Dissertations

Rivals F. 2002. Les petits bovidés pléistocènes dans le bassin méditerranéen et le Caucase. Etude paléontologique, biostratigraphique, archéozoologique et paléoécologique. PhD dissertation, Université de Perpignan, France: 417 p.

Rivals F. 1999. Les petits bovidés pléistocènes de la Caune de l'Arago (Tautavel, Pyrénées-Orientales). Etude paléontologique, taphonomique, archéozoologique et paléoécologique. Predoctoral dissertation, Université de Perpignan, France: 81 p.

Other publications

Rosell Ardèvol J., Blasco Lòpez R., Rivals F., Rufà A., 2021. Remors de passats obscurs i distants. La història dels neandertals a les Coves del Toll (Moià, Moianès). *Espeleocat* 13, 29-35.

Moncel M.-H., and 26 co-authors. 2018. L'Abri du Maras. À Saint-Martin d'Ardèche, des habitats néandertaliens du début du dernier glaciaire. *Ardèche Archéologique* 35, 3-11.

Raynal J.-P. and 44 co-authors. 2013. Néanderthaliens sur les marges sud-est du Massif central. Espaces et subsistance au Paléolithique moyen. Nouvelles données dans le cadre d'un projet collectif de recherche. *Ardèche Archéologique* 30, 4-14.

PRESENTATIONS AT CONFERENCES AND WORKSHOPS (past 10 years only)

O = Oral presentation; K = Keynote lecture; P = Poster

2024. ★ 65th Annual Meeting of the Hugo Obermaier Society | Weimar | 2-6/04/2024

- *Late Neanderthal Updated: New Insights into Duration of Occupations.* **P**

- *Simulation of sediment pressure on teeth for identifying abrasion marks.* **P**

★ 3rd Iberian Zooarchaeology Meeting (EZI2024) | Barcelona, Spain | 19-17/06/2024

- *Paleoecology and paleodietary patterns of horses and red deer in northeastern Iberia during the Upper Paleolithic through dental wear analysis.* **P**

★ 30th European Association of Archaeologists (EAA) Annual Meeting | Rome, Italy | 28-31/08/2024

- *Neanderthal subsistence strategies confronted to their hunting grounds in Teixoneres Cave Units IIIa-IIIb and Pié Lombard rock shelter.* **O**

- *Beyond the model: Challenges in distinguishing types of occupation in Late Neanderthal sites.* **O**

★ XVI Congreso Nacional de Mastozoología | Pachuca, Hidalgo, México | 23-27/09/2024

- *Paleoecología de los grandes mamíferos del Pleistoceno: Utilización del desgaste dental como proxy para la reconstrucción de la paleodieta.* **K**

2023. ★ 64th Annual Meeting of the Hugo Obermaier Society | Aarhus | 19-23/04/2023

- *Ungulates seasonality and Epipaleolithic hunter-gatherer mobility at Balma del Gai (north-east Iberia): A tooth wear analysis.* **O**

- *Testing the effectiveness of horse teeth as retouchers: a preliminary characterisation of the use wear traces.* **P**

★ INQUA 2023 – Time for change | Rome | 13-20/07/2023

- *Dietary traits of *Haploidoceros mediterraneus*, a biochronological marker of the transition from the Middle to the Late Pleistocene in southwestern Europe.* **O**

- *How to combine dental wear and pollen proxies for a better knowledge of past local environments?* **O**

- *Northeast Iberian Peninsula as a refuge ecosystem during the last Glacial Period: Insights from stable isotope and tooth wear analyses.* **O**

★ 14th International Council for Archaeozoology Conference (ICAZ) | Cairns, Australia | 8-12/08/2023

- *An Introduction to Integrative Analyses of Fossil Assemblages to Infer Ungulates Diets, Habitats, Seasonality and Mobility.* **O**

- *Seasonality, Diet and Habitat of the Plio-Pleistocene Mammals from the Guefaït-4.2 Site (Eastern Morocco).* **O**

- ★ 29th European Association of Archaeologists (EAA) Annual Meeting | Queen's University Belfast, Northern Ireland | 30/08-2/09/2023
 - *Unrevealing Neandertal lifestyles at Teixoneres Cave: An example of a multi- and interdisciplinary approach applied to a Middle Palaeolithic site.* ○
- 2022.
 - ★ Society for American Archaeology 87th Annual Meeting | Chicago | 30/03-3/04/2022
 - *Diet, habitat and seasonality of the aurochs from Neshet Ramla (Israel): a study combining dental meso- and microwear analyses.* ○
 - ★ AWRANA 2022 - Tracing Social Dynamics | Barcelona | 4-7/04/2022
 - *Reading the teeth: the application of dental wear analyses to infer the extent and the season of Neanderthals' site occupation.* ○
 - *Taphonomic and dietary marks in microwear: an experiment to identify trampling alterations.* ○
 - *"That's gonna leave a mark": taphonomical impact of sediments on tooth enamel.* ○
 - ★ 63th Annual Meeting of the Hugo Obermaier Society | Berlin | 19-23/04/2022
 - *Dietary traits of the ungulates and seasonality of the human occupation from the Middle-Upper Palaeolithic transition at Cova Eirós (Galicia, Spain).* P
 - ★ 28th Annual Meeting of the European Association of Archaeologists | Budapest | 31/08-3/09/2022
 - *Interactions among Neanderthals, herbivores and carnivores: Diet and ecological relationships in the Middle and Late Pleistocene.* ○
- 2021.
 - ★ 62th Annual Meeting of the Hugo Obermaier Society | Online meeting | 6-8/04/2021
 - *Ungulates paleodiet and seasonality in the Final Natufian assemblage from Eynan/Mallaha (Northern Jordan Valley, Israel).* ○
 - ★ 27th European Association of Archaeologists Annual Meeting | Online meeting | 6-11/09/2021
 - *New advances in zooarcheological techniques unveil Neanderthal behaviour.* ○
 - ★ VIII International Conference of Mammoths and Their Relatives | Online meeting | 25-28/11/2021
 - *Dietary changes in Pliocene and Pleistocene proboscideans from the southern Levant.* ○
- 2019.
 - ★ 61th Annual Meeting of the Hugo Obermaier Society | Erkrath & Mettmann (Germany) | 23-27/04/2019
 - *Seasonality and duration of occupations of the Neanderthal settlements at Sesselfelsgrötte.* P
 - *Old collections, new challenges: Contextualizing old archaeological materials from the Toll Cave (Moià, Barcelona).* P
 - ★ XIVth ASWA meeting (Archaeozoology of Southwest Asia and Adjacent Areas) | Barcelona, Spain | 3-7/06/2019.
 - *Ungulates paleodiet and seasonality in the Final Natufian assemblage from Eynan/Mallaha (Northern Jordan Valley, Israel).* ○
 - ★ 20th INQUA congress | Dublin, Ireland | 25-31/07/2019.
 - *Resource partitioning and interspecific interactions among Pleistocene large herbivore species: a tooth wear approach.* P
 - *Making sense of the faunal accumulation and palaeoecology at the Toll Cave through the multidisciplinary study of cave bear (Ursus spelaeus) remains.* P
- 2018.
 - ★ 60th Annual Meeting of the Hugo Obermaier Society | Tarragona (Spain) | 3-7/04/2018
 - *Mediterranean vs. Atlantic: Ecological niches of ungulate preys in the Iberian Peninsula during the Middle Paleolithic.* ○
 - *Inside the secrets of Teixoneres Cave (Moià, Barcelona, Spain): An example of a multidisciplinary approach applied to a Neanderthal site.* ○
 - *Paleoenvironmental context of the human occupations in Crimea during the MIS 3: an approach using tooth microwear patterns in ungulates.* P
 - ★ XVIII World UISPP Congress (Union Internationale des Sciences Préhistoriques et Protohistoriques) | Paris, France | 4-9/06/2018.
 - *Dietary traits and habitats of the reindeer from Stellmoor and Meiendorf (Northern Germany) during the Late Glacial.* ○
 - *Zooarchaeological record and hunter-gatherers of the steppe region of the Eastern Europe.* ○

- *Lithic technological organization in short-term occupations at Teixoneres Cave (Moia, Spain)*. **O**
- ★ 13th International Conference of Archaeozoology (ICAZ) | Ankara, Turkey | 2-7/09/2018.
 - *Unlocking the dietary history of Late Pleistocene red deer individual from tooth enamel*. **O**
 - *Creating an experimental reference collection to study domestic ovine herds' diet based on dental microwear*. **O**
 - *Behind deer teeth: A microwear and mesowear analysis of Panamanian pre-Columbian archaeological sites*. **O**
 - *Ecological niches of Neanderthal ungulates preys in the Iberian Mediterranean region: are there any variation through the latitudinal gradient?* **O**
 - *Bear in mind: The last diets of the cave bear (Ursus spelaeus) from the Late Pleistocene in the northeast of the Iberian Peninsula*. **O**
- ★ XXXIXe Rencontres Internationales d'Archéologie et d'Histoire d'Antibes | Antibes, France | 16-18/10/2018.
 - *Flexibility of dietary traits of Late Pleistocene Caprinae (genus Capra, Hemitragus, and Rupicapra) in the Rhône Valley*. **O**
 - *Different or similar? Pastoral management of caprines among Greeks and Iberians (VI-III c. BC) in Empordà (Girona, Catalonia). A perspective through dental microwear*. **O**
- 2017. ★ Coping with climate: the legacy of *Homo heidelbergensis* workshop | Brighton (UK) | 2-4/02/2017
 - *Are high resolution dietary proxies accurate for large mammals' palaeoenvironmental reconstructions for the early hominin occupation of Europe?* **Invited presentation O**
 - ★ International Open Workshop 2017 'Socio-environmental dynamics over the last 12,000 years: The creation of landscapes V' | Kiel (Germany) | 20-24/03/2017
 - *Diet and environment tracking of large herbivores in northwest Europe at the onset of the Late-glacial*. **O**
 - ★ 59th Annual Meeting of the Hugo Obermaier Society | Aurich (Germany) | 18-22/04/2017
 - *Investigating dietary habits through tooth microwear and stable isotope analyses ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) in bone collagen of cave bear (Ursus spelaeus) in southern latitudes of Europe during the Late Pleistocene: the case of Toll Cave (MIS3; Spain)*. **P**
 - ★ VII International Conference of Mammoths and Their Relatives | Taichung (Taiwan) | 17-23/09/2017
 - *Dietary flexibility and feeding strategies of Pleistocene mammoths and relatives: a tooth microwear approach*. **O**
 - *A 40,000 year old baby woolly mammoth (Mammuthus primigenius Blumenbach, 1799) and other cold fauna from Teixoneres Cave (Moia, Barcelona, Spain)*. **P**
 - ★ 17th International Symposium on Dental Morphology & 2nd congress of International Association for Paleodontology | Bordeaux (France) | 4-7/10/2017
 - *Dental micro- and mesowear as high-resolution proxies for the study of ungulate diet and its relation to the human occupation patterns at Divnogor'ye 9 (Late Pleistocene, Russia)*. **O**
 - ★ 2nd International Conference on Quaternary and Future Earth | Keelung (Taiwan) | 14-16/11/2017
 - *Integrating tooth wear analyses for the reconstruction of paleodiets in Quaternary mammals*. **O**
- 2016. ★ World Archaeological Congress (WAC8) | Kyoto (Japan) | 28/08-2/09/2016
 - *A high resolution tool to estimate of the duration of large game mortality events in archaeological assemblages using tooth microwear*. **O**
 - ★ 58th Annual Meeting of the Hugo Obermaier Society | Budapest (Hungary) | 29/03-2/04/2016
 - *Seasonality scratched on teeth: A tool to estimate the duration of mortality events in archaeological assemblages using extant ungulate tooth microwear*. **P**
 - *Neanderthal occupational patterns in the North of the Iberian Peninsula: A preliminary approach to Cueva Morin (Cantabria) and Cova de les Teixoneres (Barcelona)*. **P**
- 2015. ★ 57th Annual Meeting of the Hugo Obermaier Society | Heidenheim (Germany) | 7-11/04/2015
 - *Dissecting palimpsests and events of activity through lithic and faunal refits in karst systems during the Middle Paleolithic: the layer 4 of the Maras rockshelter (Ardèche, France)*. **O**

- *Estimating Neanderthal seasonality: Application of tooth mesowear and microwear to the Middle Palaeolithic levels from Portel-Ouest (France) and Teixoneres (Spain)*. **P**
- ★ III Reunió Oikos de Bioarqueologia | Barcelona (Spain) | 15-16/05/2015
- *Estudi arqueozoològic del conjunt del paleolític superior del Cau del Roure (Serinyà)*. **O**
- ★ Association of Archaeological Wear and Residue Analysts (AWRANA) conference | Leiden (Netherlands) | 27-30/05/2015
- *“Use-bear” analysis: Experimental and archaeological identification of post-depositional surface modifications generated by ursids on stone tools*. **O**
- ★ Developing International Geoarchaeology (DIG) 2015 conference | Alghero, Sardinia | 10-12/06/2015
- *Micro-characterization of carnivore coprolites: a contribution to the study of Pleistocene anthropogenic sedimentary deposits*.
- ★ Society of Vertebrate Paleontology 75th Annual Meeting | Dallas, Texas | 14-17/10/2015
- *Dietary reconstruction of fossil proboscideans from the Siwalik series of Pakistan using enamel microwear and carbon isotopes*. **P**

MEMBER OF SCIENTIFIC COMMITTEES

- 2025: Member of the Scientific Committee for the 9th International Conference on Mammoths and their Relatives, National Institute of Anthropology and History (INAH), México City, Mexico (2025).
- 2024: Member of the Scientific Committee for the 3rd edition of the *Encuentro de Zooarqueología Ibérica* (EZI), Institución Milà y Fontanals (IMF-CSIC) and Universidad de Barcelona (17-19/06/2024).
- 2021: Member of the Scientific Committee for the 3rd edition of the Palaeontological Virtual Congress (1-15/12/2021).
- 2021: Member of the scientific committee for the VIIIth International Conference on Mammoths and their Relatives organized by the Indian Institute of Science, Bangalore, India (25-28/10/2021).
- 2018: Member of the scientific committee for the 34^e Rencontres Internationales d'Archéologie et d'Histoire d'Antibes “Humans and Caprines. From mountain to steppe, from hunting to husbandry”, held in Antibes, France (16-18/10/2018).
- 2017: Member of the scientific committee for the 17th International Symposium on Dental Morphology and 2nd symposium of the International Association for Paleodontology, held in Bordeaux, France (4-7/10/2017).
- 2017: Member of the scientific committee for the VIIth International Conference on Mammoths and their Relatives, held in Taichung, Taiwan (17-23/09/2017).
- 2016: Member of the scientific committee for the 1st IMERP (1st International Meeting of Early-stage Researchers in Palaeontology) held in Alpuente, Spain (13-16/04/2016).
- 2016: Member of the Editing committee for the World Archaeological Congress (WAC8) held in Kyoto, Japan (28/08-2/09/2016).
- 2014: Member of the scientific committee for the VIth International Conference on Mammoths and their Relatives held in Grevena and Siatista, Greece (5-12/04/2014).

MEMBER OF ADVISORY BOARDS

- 2019-2021: Member of the advisory board at the Universität Tübingen (Dpt. of Early Prehistory and Quaternary Ecology) for a *Sonderforschungsbereich* grant proposal from the DFG/German Science Foundation.

TEACHING EXPERIENCE

Since 2011 • Muséum National d'Histoire Naturelle, Paris, France

Master "Quaternaire Préhistoire Bioarchéologie"; lectures in paleontology and paleoecology (2 hours/year).

2010 – 2024 • Universitat Rovira i Virgili, Tarragona, Spain

Master *Erasmus Mundus* in Quaternary and Prehistory. Course: Human paleoecology (40 hours/year).

2005 – 2012 • Université Paul Valéry, Montpellier, France

Master "Archéologie méditerranéenne: préhistoire, protohistoire et paléoenvironnements"; Course: Paléoenvironnement animal et archéozoologie (12 hours/year).

2004 – 2007 • Muséum National d'Histoire Naturelle, Paris, France

Master "Quaternaire et Préhistoire: paléoenvironnement, lignée humaine, histoire des sociétés"; lectures in paleontology and paleoecology (6 hours/year).

2004 –2005 • New York College of Osteopathic Medicine, USA

Adjunct Assistant Professor in the Department of Anatomy. Lectures and labs in comparative anatomy.

2003 • University of Perpignan, France

Teaching assistant in the predoctoral formation (DEA "Quaternaire: Géologie, Paléontologie humaine, Préhistoire"); lectures in paleontology and paleoecology.

SUPERVISION OF MASTER AND PhD STUDENTS

Direction of PhD thesis (current):

- Cristian Micó (Universitat Rovira i Virgili, Spain): The use of teeth as high-resolution proxy in the study of microwear and taphonomy. Supported by a predoctoral grant from Ministerio de Ciencia e Innovación.
- Valentina Lubrano (Universidade do Algarve, Portugal): Distinctive features of Neanderthal occupation events. Modelling of occupation events from the case study of Teixoneres Cave unit III. Advisors: A. Rufà, F. Rivals, R. Blasco.

Supervision of PhD thesis (defended):

- Iván Ramírez Pedraza (Universitat Rovira i Virgili, Tarragona, Spain): Multiproxy reconstruction of the ecological context of the Plio-Pleistocene transition and early Middle Pleistocene in Morocco. Supported by a predoctoral grant from AGAUR. Defended 25/10/2024 with the highest distinction: Excellent *Cum Laude*.
- Alessandra Livraghi (Universitat Rovira i Virgili, Tarragona, Spain): Site occupation strategies in Northern Italy during the Middle and Upper Paleolithic: determining seasonality combining cementochronology and microwear analysis. Defended 18/11/2022 with the highest distinction: Excellent *Cum Laude*.
- Maria Fernanda Martínez-Polanco (Universitat Rovira i Virgili, Tarragona, Spain): "More than food: The role of cervids in Pre-Columbian subsistence strategies in Panama" supported by a predoctoral grant Erasmus Mundus (2018–2020). Defended 14/01/2021 with the highest distinction: Excellent *Cum Laude*.
- Sergio Jiménez-Manchón (Université Paul Valéry, Montpellier, France): "Pratiques d'élevage entre l'Empordà et le Languedoc à l'âge du Fer. Archéozoologie, alimentation animale et saisonnalité" supported by a predoctoral grant from the CNRS LabEx Archimède (2016–2019). Co-direction with A. Gardeisen. Defended 16/12/2020.
- Carlos Sánchez-Hernández (Universitat Rovira i Virgili, Tarragona, Spain): "Neanderthal paleoecology during the Middle Palaeolithic in the North and East of the Iberian Peninsula. Combined analysis of tooth wear and cementochronology". PhD supported by a predoctoral grant (MICINN FPI BES-2014-067747). Defended 04/06/2020 with the highest distinction: Excellent *Cum Laude*.
- Edgard Camarós (Universitat Rovira i Virgili, Tarragona, Spain): "Hominin-carnivore interaction during the Pleistocene. Development of new methods for the study of human behavior through a transdisciplinary approach". PhD supported by a predoctoral grant (FI) from the AGAUR (2013–2016). Defended 12/01/2016 with the highest distinction: Excellent *Cum Laude*.

- Cyrille Rieau (Université Paul Valéry, Montpellier, France): "*Etude de la gestion du bétail à l'aide de la méthode des micro-usures dentaires dans le Midi méditerranéen entre l'Age du Bronze et la période gallo-romaine*". Defended 20/11/2014 with the highest distinction eq. Cum Laude.

Supervision of Master students:

- Sandhra Saravanan (University of Ferrara, Italy): "Decoding Diets: Microwear and Mesowear insights into red deer teeth from the Late Epigravettian at Riparo Tagliente (Italy)" (defended 09/2024).
- Víctor Vizcaíno Varo (Universitat Rovira i Virgili, Spain): "Paleoecology and dietary habits of cave bear lineage through stable isotopes analyses ($\delta^{13}\text{C}$ and $\delta^{18}\text{O}$) and dental microwear on *Ursus deningeri* from Vallparadis Section (Terrassa, Vallès-Penedès Basin, NE Iberian Peninsula)" (defended 09/2023).
- Bhodan Mamchur (University of Ferrara, Italy): Diets in the Late Neolithic of the Central Portugal - Preliminary Results of Buccal Microwear Analysis in collective burial "Gruta dos Ossos" (defended 27/09/2021).
- Camille Ascari (MNHN, Paris): "Quantification des micro-usures dentaires de *Trachypithecus auratus* fossiles de l'Holocène de Song Terus, Java, Indonésie : reconstruction d'un régime alimentaire" (defended 21/09/2020).
- Iván Ramírez-Pedraza (Universitat Rovira i Virgili, Spain): "Food habits of cave bear (*Ursus spelaeus*) in southern latitudes of Europe during Late Pleistocene: the case of Toll Cave (MIS 3; Spain): stable isotope analyses ($\delta^{13}\text{C}$ and $\delta^{15}\text{N}$) in bone collagen and tooth microwear" (defended 09/2017).
- Carlos Sánchez-Hernández (Universitat Rovira i Virgili, Spain): "Estimación de la duración de las ocupaciones neandertales en la Cova de les Teixoneres (Moià, Barcelona, España) a través del análisis del micro-desgaste dental en ungulados" (defended 09/2013).
- Cyrille Rieau (Université Paul Valéry, Montpellier, France): "Etude des populations animales du site de Kryoneri (Grèce, Néolithique Récent) à l'aide des micro-usures dentaires" (defended 06/2009).

External advisor:

- Mariana Contreras López (MS student – Universidad Autónoma del Estado de Hidalgo, Mexico): "*Taxonomía y ecología alimentaria de camélidos del Pleistoceno del centro de México*" (defended 06/2018).
- Gloria Cuevas Ruiz (MS student – Universidad Autónoma del Estado de Hidalgo, Mexico): "*Paleoecología de las comunidades de mamíferos pleistocénicos en Hidalgo, Centro de México*" (defended 12/2011).

Supervision of undergraduate students:

- Paulo Duñó Iglesias (Universitat de Barcelona, Spain): "*Estudi del desgast dental dels ungulats al jaciment epipaleolític de la Balma del Gai (Moià): interpretacions territorials i paleoambientals*" (defended 27/06/2022).
- Laura Cabezas Ferré (Universitat oberta de Catalunya & Universitat Rovira i Virgili, Spain): "*Anàlisi del microdesgast dental dels ungulats del conjunt CII superior de la Cova de Lazaret (grotte du Lazaret) (Niça, França): Reconstrucció de la dieta i els paleoambients*", co-direction with M. Gema Chacón (defended 16/06/2022).
- Guillem-Oriol Merino Martínez (Universitat Autònoma de Barcelona, Spain): "*Estudi de la dieta animal a través del microdesgast dental: l'exemple del jaciment Neolític de La Draga*", co-direction with Maria Saña Seguí (defended 01/07/2015).

Training of students and researchers to the microwear analysis technique:

- Diana Becker (MS student – Universität Hamburg, Germany) – 2006.
- Jean Cantuel (PhD student – Université de Clermont-Ferrand II, France) – 2007.
- Caroline Borges (MA student – Muséum National d'Histoire Naturelle, Paris, France) – 2008.
- Gloria Cuevas-Ruiz (MS student – Universidad Autónoma del Estado de Hidalgo, Mexico) – 2011.
- Spyridoula Pappa (PhD student – University of London, UK) – 2013 and 2015.

- Aneta Markova (PhD student – University of Prague, Czech Republic) – 2013.
- Antigone Uzunidis (PhD student – Université de Aix-Marseille, France) – 2014-2015.
- Noel Amano (PhD student – Museum National d’Histoire Naturelle, France) – 2015-2016.
- Janine Ochoa (PhD student – University of Cambridge, UK) – 2015.
- Abel Gallego (Master student – Universitat Rovira i Virgili, Spain) – 2015-2016.
- Angelos Gkotsinas (PhD student – Université Paul Valéry, Montpellier) – 2016.
- Carole Lespes (PhD student – Université Paul Valéry, Montpellier) – 2017.
- Ariane Burke (Professor – Université de Montréal, Canada) – 2017.
- Lua Valenzuela (PhD student – Universitat de les Illes Balears) – 2017.
- Antonio Jesús Sánchez-Flores (PhD student – Universidad Complutense de Madrid) – 2018.
- Alejandro Sierra Sainz-Aja (PhD student – Universitat Autònoma de Barcelona) – 2018.
- Federica Bricolli (Master student – Universitat Rovira i Virgili, Spain) – 2018-2019.
- Nikos Vasileiadis (PhD student – University of Thessaloniki, Greece) – 2019.
- Alessandra Livraghi (PhD student – Universitat Rovira i Virgili, Spain) – 2019.
- Camille Ascari (Master student – MNHN Paris) – 2019-2020.
- Andrea Perez (PhD student – Università di Trento, Italy) – 2021-2022.
- Lavinia Caffarelli (Master student – Università di Ferrara, Italy) – 2022, 2024.
- Gabriele Ruso (PhD student – Universität Tübingen, Germany) – 2022.
- Hugo Bal García (PhD student - Universidade de Santiago de Compostela) – 2022.
- Meir Orbach (PhD student – University of Haifa, Israel) – 2023.
- Marine Helstroffer-Stahn (Master student – MNHN Paris) – 2023.
- Bogdan Haiduc (Alexandru Ioan Cuza University of Iași, Romania) – 2023.
- Susana Rodriguez (PhD student – UNAM Mexico) – 2023.
- Sandhra Saravanan (Master student – Università di Ferrara, Italy) – 2024.
- Natalya Prilepskaya (Severtsov Institute of Ecology and Evolution, Russian Academy of Sciences) – 2024.
- Sally Corazza (Master student – Università di Trento, Italy) – 2024.

POSTDOCTORAL FELLOWSHIPS SUPERVISED

Antigone Uzunidis (2021-2023) Marie Skłodowska-Curie Individual Fellowship 101024230 “Ungulate tooth wear analysis as a proxy for Neanderthal habitats changes during MIS 4 and 3”.

Sandra Bañuls (2020-2022) Juan de la Cierva FJC 2018-03259-I “Tooth microwear and mesowear in Late Pleistocene Muridae”.

Carlos Tornero (2016-2018) Juan de la Cierva IJCI-2014-19909 “Application of stable isotope analyses to faunal remains recovered from archaeological sites” and (2018-2020) Beatriu de Pinos 2016-BP-00346 “Investigating early evidence of transhumance sheep movements in the Central Pyrenees”.

María Gema Chacón (2010-2012) Juan de la Cierva JCI-2010-07863 “Paleoecología del Comportamiento Neandertal”.

PROFESSIONAL SOCIETY MEMBERSHIPS

Hugo Obermaier Society, regular member since 2017.

International Council for Archaeozoology (ICAZ), regular member since 2013.

Associació Catalana de Bioarqueologia (ACBA), regular member since 2007.

INVITED LECTURES AND SEMINARS

2024 Universidad Michoacana de San Nicolás de Hidalgo, Mexico

2024 Instituto Nacional de Antropología e Historia, Mexico

2024 Università di Ferrara, Italy

- 2023 Università degli Studi di Trento, Italy
 2023 University of Haifa, Israel
 2021 Universität Wien (Institut für Paläontologie), Austria
 2019 Universität Erlangen (Institut für Ur- und Frühgeschichte), Germany
 2019 Universität Tübingen (Abteilung Ältere Urgeschichte und Quartärökologie), Germany
 2019 Tribuna d'Arqueologia, Departament de Cultura, Generalitat de Catalunya, Barcelona
 2018 Institute of Archaeology of the Hebrew University of Jerusalem (HUJI), Israel
 2016 Staatliches Museum für Naturkunde Stuttgart (SMNS), Germany
 2013 Universität Tübingen (Abteilung Ältere Urgeschichte und Quartärökologie), Germany
 2012 Natural History Museum (Palaeontology Department), London, UK
 2010 Universität Tübingen (Institut für Geowissenschaften – Biogeologie), Germany
 2010 Natural History Museum (Palaeontology Department), London, UK
 2008 Naturhistorisches Museum Wien, Vienna, Austria
 2007 Nationaal Natuurhistorisch Museum Naturalis, Leiden, Netherlands
 2007 Institut de Paléontologie Humaine, Paris, France
 2007 Fitch-Wiener seminar series, British School at Athens, Greece
 2006 Universität Hamburg (Department of Zoology), Germany
 2006 Institut de Paléontologie Humaine, Paris, France
 2005 Centre Européen de Recherches Préhistoriques, Tautavel, France

EDITORIAL POSITIONS

Associate editor positions:

- 2022– Associate editor, [Environmental Archaeology](#) (Taylor & Francis) ISSN: 1461-4103
 2017–2024 Associate editor, [Frontiers in Ecology and Evolution](#) (Lausanne) ISSN: 2296-701X
 2015–2018 Associate editor, [Quaternary International](#) (Elsevier, Amsterdam) ISSN: 1040-6182

Member of editorial boards:

- 2025– Managing board of [Peer Community in Archaeology](#) (PCI Archaeology, **Open Access**) ISSN: 2551-668X
 2020– Editorial board, [Mitteilungen der Gesellschaft für Urgeschichte](#) (Tübingen, **Open Access**) ISSN: 1611-7948
 2019– Recommender for [Peer Community in Archaeology](#) (PCI Archaeology, **Open Access**) ISSN: 2551-668X
 2018– Editorial board, [Open Quaternary](#) (Ubiquity Press, **Open Access**) ISSN: 2055-298X
 2017– Editorial board, [Palaeogeography, Palaeoclimatology, Palaeoecology](#) (Elsevier, Amsterdam) ISSN: 0031-0182
 2010–2015 Editorial board member, *Journal of Anthropology* (New York, USA) ISSN: 2090-4045
 2009–2014 Advisory board member, *The Open Paleontology Journal* (Netherlands) ISSN: 1874-4257

Guest editor for special issues:

- 2020 **Guest editor** for the special issue “High resolution analyses of large mammals dental remains: Broadening horizons” in *Quaternary International* volume 557.
 2020 **Guest editor** for the special issue “Examining evolutionary trends in *Equus* and its close relatives from five continents” in *Frontiers in Ecology and Evolution*.
 2018 **Guest editor** for the special issue “Multidisciplinary approaches in the definition of high-resolution events to interpret past human behaviour: A new challenge in archaeology” in *Quaternary International*, volume 474B.
 2016 **Guest editor** for the special issue “Settlement Dynamics of the Middle Paleolithic and Middle Stone Age” in *Quaternary International*, volume 435A.
 2015 **Guest editor** for the special issue “Stories written in teeth: New archaeological insights from tooth related studies” in *Journal of Archaeological Science Reports*, volume 6.

REFEREE FOR PEER REVIEWED JOURNALS (alphabetical order and number of papers)

Alpine and Mediterranean Quaternary, American Journal of Biological Anthropology, Archaeological and Anthropological Sciences, BMC Biology, BMC Evolutionary Biology, Bollettino della Società Paleontologica Italiana, Bulletin de la Société Préhistorique Française, Cuaternario y Geomorfología, Current Anthropology, Estudios Geológicos, Frontiers in Ecology and Evolution, Geobios (2), Historical Biology (3), Interface Focus, International Journal of Osteoarchaeology (2), Journal of Archaeological Science (9), Journal of Archaeological Science: Reports (5), Journal of Human Evolution (7), Journal of Iberian Geology, Journal of Mammalian Evolution, Journal of Morphology, Journal of Quaternary Science (3), Journal of South American Earth Sciences (3), Journal of Taphonomy, Journal of Vertebrate Paleontology (2), Journal of Zoology, Mammalian Biology (3), Mammal Review, Nature Ecology and Evolution, Naturwissenschaften, Palaeobiodiversity and Palaeoenvironments, Palaeogeography Palaeoclimatology Palaeoecology (23), Palaeontologia Electronica (2), Paläontologische Zeitschrift (3), PeerJ (2), PLOS ONE (3), Quaternaire (2), Quaternary International (8), Quaternary Research, Quaternary Science Reviews (2), Rivista Italiana di Paleontologia e Stratigrafia, Revista Mexicana de Ciencias Geológicas (3), Scientific Reports (2).

REFEREE FOR BOOKS AND BOOK CHAPTERS

British Archaeological Reports (Oxford), Springer's Vertebrate Paleobiology and Paleoanthropology series (Springer Nature Switzerland), Pfeil-Verlag (München).

REVIEWER FOR FUNDING AGENCIES

Agencia Estatal de Investigación (Spain) – 2018, 2021 (comisionario), 2024.
Agence Nationale de la Recherche (ANR, France) – 2014, 2017, 2018.
AQU – Agència per a la Qualitat del Sistema Universitari de Catalunya – 2018.
Belgian Science Policy Office (BELSPO), FED-tWIN program – 2024.
CIVIS3i MSCA-H2020-COFUND – 2023.
CONACYT, Mexico – Frontier Science 2019, 2020.
CONICET (Consejo Nacional de Investigaciones Científicas y Técnicas, Argentina) – 2017.
COST Expert (Since 2020).
DAAD España (Servicio Alemán de Intercambio Académico) – 2017-2022.
Deutsche Forschungsgemeinschaft (German Research Foundation) – 2013-2015, 2019, 2023.
European Research Council (ERC) – Consolidator grants 2018.
Leakey Foundation (USA) – 2014, 2023, 2024.
Leverhulme Trust (UK) – 2020.
SDE/GWIS National Fellowships Program (USA) – 2013, 2014.
Swiss National Science Foundation – 2018, 2021.

DISTINCTIONS

- 2014 **Advanced research certificate of the *Agència per a la Qualitat del Sistema Universitari de Catalunya*** – Acreditació de Recerca Avançada (U1446/101004689-175).
- 2013 Award for **outstanding reviewer** for the journal **Palaeogeography Palaeoclimatology Palaeoecology**.
- 2009 **Research certificate of the *Agència per a la Qualitat del Sistema Universitari de Catalunya*** (U1445/9259373-82).
- 2006 **Winner of the program "Initiative Post-Doc" 2006** of the *Académie des Sciences* and *Ministère délégué à l'Enseignement supérieur et à la Recherche* (France).

OTHER ACADEMIC ACTIVITIES

- **Member of the thesis committee** for the PhD defense of:
 - Ellen Schulz at Universität Hamburg, Germany (29/02/2008).
 - Laura Martínez at Universitat de Barcelona, Spain (20/12/2010).
 - Jean Cantuel at Université Blaise Pascal, Clermont-Ferrand, France (14/12/2010).
 - Ferran Estebaranz Sánchez at Universitat de Barcelona, Spain (14/06/2011).
 - Antigone Uzunidis-Boutillier at Université d'Aix-Marseille, Aix-en-Provence, France (21/11/2017).
 - Erwin Gonzalez-Guarda at Universidad Complutense de Madrid, Spain (19/12/2018).
 - Alexandros Xafis at Universität Wien, Austria (05/11/2020).
 - Manon Hullot at Université de Montpellier, France (30/09/2021).
 - Yasmina Avià at Universitat de Barcelona, Spain (10/12/2021).
 - Abel Gallego at Universitat Rovira i Virgili, Tarragona, Spain (24/03/2022).
 - Antonio Jesús Sánchez Flores at Universidad Complutense de Madrid, Spain (28/04/2022).
 - Raquel Hernando Santamaría at Universitat Rovira i Virgili, Tarragona, Spain (12/12/2022).
 - Andrea Perez at Università di Trento, Italia (15/09/2023).
 - Celia Díez-Canseco at Universitat Rovira i Virgili, Tarragona, Spain (22/03/2024).
- **Member of Master thesis committee** at Universitat Rovira i Virgili (Tarragona).
- **Member of Master thesis committee** at Universitat Autònoma de Barcelona.

EDUCATIONAL OUTREACH

Public conferences:

- La Pobla de Segur (3/04/2015): *Momentos de la vida Neandertal*.
- Tarragona (4/04/2018): *Travelling with Neanderthals through the northeastern Iberian Peninsula*.

Contribution to exhibitions:

- Exhibition and catalogue for "*Türkiye nin İlk Sakinleri / Les premiers peuplements de la Turquie*" presented in 2008-2010 in various museums in Turkey.
- Exhibition "*NEANDERLIFE: Momentos de la vida Neandertal*" presented in various locations in Spain (starting January 2017). Scientific advisor for the conception of the exhibition.
- Catalogue for the exhibition "*Mémoires de mammoths*" presented at the Musée National de Préhistoire (France) in 2018.

Articles in magazines:

Rosell J., Blasco R., Rivals F., Rufà A., 2021. Remors de passats obscurs i distants. La història dels neandertals a les Coves del Toll (Moià, Moianès). *Espeleocat* 13, 29-35.

Videos:

Masterclass de la Fundacion Palarq: <https://www.youtube.com/watch?v=v4yytnNucRM> – Neandertales en la Cueva de les Teixoneres.

Conference in the Virtual International Symposium "Proboscideans in the world: new insights from the past and present" on September 26, 2024 in Mexico: Feeding ecology and diversity of fossil proboscideans: <https://www.youtube.com/watch?v=rmDCucdPlml>

Articles in newspapers and local journals:

L'Indépendant du Midi, France (Spring 2000), *Levante-EMV.com*, Spain (1/11/2007), *Diari de Tarragona*, Spain (5/05/2008), *Xornal Galicia*, Spain (02/02/2009), *Bay Pathway*, USA (Autumn 2008), *ABC y Ara* (04/03/2011), *Revista del Consell Comarcal del Pla de l'Estany* (07/2013), *Atzagaia* (09/2014, 01/2015).

Interviews on radio and TV:

- *Tarragona Radio*, Spain (10/02/2009): "Què ens diuen els fòssils de fauna sobre els canvis climàtics".
- *Onda Radio Murcia*, Spain (16/07/2009): "La última cena de los homínidos".

- *Onda Vasca*, Spain (07/03/2011): "Los dientes fósiles de caballos son claves para entender la selección natural y los cambios climáticos".
- *TV3*, Spain (10/08/2012): "Excavació de les Coves del Toll i Teixoneres".
- "Welcome to Catalunya" (16/04/2014): <https://www.youtube.com/watch?v=rVCaGb8k2LM>
- "Campus", TAC12, Spain (15/07/2015)
- *Tarragona Radio*, Spain (10/11/2015). Radio program *Evoluciona*.
- *Tarragona Radio*, Spain (17/01/2017). Radio program *Evoluciona*.
- *Tarragona Radio*, Spain (20/04/2021). Radio program *Evoluciona*.

LANGUAGES AND SPECIAL SKILLS

- French (native tongue), English (fluent in written and spoken language), Spanish (fluent in written and spoken language), Catalan (reading skills).
- Statistical softwares: R, Past, SPSS.
- Utilization of Environmental Scanning Electron Microscope (ESEM) and a stereomicroscope with multifocus image acquisition software.
- Emergency First Response CPR and AED course.
- Advanced open water diver certification (+ certifications for EAN/Nitrox, deep and dry suit).