

CURRICULUM VITAE

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Academic Appointments

- 2015 – 2016: Plant Foods in Hominin Dietary Ecology Research Group, Department of Human Evolution. **Max Planck Institute for Evolutionary Anthropology** (Leipzig, Germany). Post-doctoral researcher.
- 2012 – 2015: Department of Prehistory, Ancient History and Archaeology, **Universitat de Barcelona** (Barcelona, Spain). *Juan de la Cierva* Post-doctoral contract (Ministry of Economy and Competitiveness, Spanish government).
- 2010–2012: Kimmel Center for Archaeological Science, **Weizmann Institute of Science** (Rehovot, Israel). *Beatriu de Pinós* Post-doctoral fellowship (Agaur, Catalan government).
- 2009–2010: Institute of Archaeology, **Tel-Aviv University** (Tel-Aviv, Israel). *Post-doctoral fellowship FP-7 CORDIS European Research Council*.
- 2006–2009: Prehistory Department, **Universitat Rovira i Virgili** (Tarragona, Spain). *Atapuerca Foundation* pre-doctoral fellowship.
- 2001–2005: Prehistory Department, **Universitat Rovira i Virgili** (Tarragona, Spain). *Pre-doctoral fellowship Ministry of Science and Education* (Spanish government).

Education

University Rovira and Virgili (Tarragona), History degree, 2000

University Rovira and Virgili (Tarragona), History, MA, 2002

University Rovira and Virgili (Tarragona), Doctoral thesis. 2009 Advisors: R.M. Albert and E. Carbonell. Title: The Study of formation processes of archaeological sediments and paleosoils through the analysis of phytoliths, minerals and other microremains. The cases of Olduvai Gorge, Abric Romaní, El Mirador and Tel Dor. (original Catalan title: *L'estudi dels processos de formació dels sediments arqueològics i dels paleosòls a partir de l'anàlisi dels fitòlits, els minerals i altres microrestes. Els casos de la Gorja d'Olduvai, l'Abric Romaní, El Mirador i Tel Dor*)

Languages

English (fluent), Spanish (bilingual), French (intermediate), Italian (intermediate), Portuguese (reading), Catalan (mother tongue).

Citation indices

Google Scholar

Citations: 820 (676 since 2012) **h-index:** 14 **i10-index:** 22

PART A: RESEARCH ACTIVITIES

Funding Obtained as P.I. Including Research Projects and Grants

PI: **D. Cabanes**. Role: PI/Fellow. Title of the project: **Palaeolithic Micro-botanical remains as a proxy for Human Occupation Intensities** (PaleoMicroBot). Program: H2020-MSCA-IF-2015. Administration: **European Commission**. Project number: 703784. Institutions participating: Max Planck Institute for Evolutionary Anthropology. Amount: **171,460.80 €**. Years: 2017-2018 (not implemented).

P.I.: C. Mallol, **D. Cabanes**, C. Hernández. Role: co-P.I. Title of the project: **Neanderthal fire technology** Financing Firm: **Leakey Foundation** Institutions participating: Universidad de la Laguna and Universitat de Barcelona Amount: **13,200 USD** Years: 2013-2014. Researchers: 3

P.I.: **D. Cabanes** Role: PI/Fellow Title of the project: **Fuel management and use of plant resources by the first *Homo sapiens* and Micoarchaeology of the Middle to Upper Palaeolithic transition** Program: Juan de la Cierva Administration: **Ministry of Economy and Competitiveness, Spanish government** Project number: JCI-2011-10972 Institutions participating: Universitat de Barcelona Amount: **96,000 €** Years: 2012-2015. Host scientist: R.M. Albert

P.I.: **D. Cabanes**, Y. Asscher, L. Regev Role: organizer. Title of the project: **International Student Workshop on Microarchaeology** Financing Firm/administration: **Maurice and Gabriela Goldschleger Conference Foundation; Solo Dwek and Maurizio Dwek Research School of Chemical Science, Feinberg Graduate School and Bargal Analytical Instruments**. Institutions participating: Weizmann Institute of Science Amount: **16,523 USD** Years: 2011 Number of researchers participating: 3

P.I.: **D. Cabanes** Role: PI/Fellow Title of the project: **Phytolith taphonomy in alkaline pH** Program: Beatriu de Pinós modality A. Administration: **AGAUR/Generalitat de Catalunya** Project number: 2009BP-A 00060 Institutions participating: Weizmann Institute of Science Amount: **55,763 €** Years: 2010-2012. Host scientist: S. Weiner

P.I.: **D. Cabanes** Role: PI/Fellow Title of the project: **Site formation processes through phytolith analysis** Program: FPU pre-doctoral grants Administration: **Ministry of Science and Education (Spanish government)**. Project number: AP2000-1429 Institutions participating: Universitat Rovira i Virgili Amount: **38,478 €** Years: 2000-2005. Host scientist: E. Carbonell

Participation in Funded Research Projects and Grants as Researcher

P.I.: Carolina Mallol. Title of the project: **Neanderthal Fire Technology** Financing Firm/administration: **Leakey Foundation** Institutions participating: Universidad de la Laguna, Max Planck Institute for Evolutionary Anthropology Amount: **22,790 USD** Duration, since: 2015 Until: 2016 Number of researchers participating: 4 Keywords: Phytoliths / FTIR/ Micromorphology / Hearths/ Neanderthal / Scientific experimentation/ Paleomagnetism

P.I.: Rosa Maria Albert. Role: Researcher Title of the project: **El impacto de los cambios paleoecológicos en la evolución humana y la explotación de los recursos marinos y vegetales en África: La Garganta de Olduvai y Mossel Bay**. Financing Firm/administration: **Ministerio de Ciencia e Innovación**. Institutions participating: Universitat de Barcelona Number of the project / contract: HAR2010-15967 **Amount: 77,000 €** Years: 2011-2013 P.I.: Rosa Maria Albert Cristobal Number of researchers participating: 8 Keywords: Archaeology / Paleoanthropology / Marine resources/ Paleovegetation / Paleoecology

P.I.: Rosa Maria Albert. Role: Researcher Title of the project: **Grup d'Estudis Paleoecològics i Gearqueològics (GEPEG)**. Kind of contract/Program: Projectes de recerca per potenciar els grups de recerca consolidats Financing Firm/administration: Agència de Gestió d'Ajuts Universitaris i de

Recerca. **Generalitat de Catalunya. AGAUR** Institutions participating: Universitat de Barcelona
Number of the project / contract: 2009SGR1418 Amount: **53,600€** Years 2009-2013 Number of
researchers participating: 8 Keywords: Prehistory/ Paleoecology / Archaeology

P.I.: Rosa Maria Albert. Role: organizer. Title of the project: **1r Workshop Internacional sobre procesos de formación de suelos arqueológicos** Financing Firm/administration: **Ministerio de Ciencia e Innovación** Institutions participating: ICREA, Universitat de Barcelona and Weizmann Institute of Science Number of the project / contract: HAR2009-06278-E/HIST Amount: **20,000 €** Years: 2010 Number of researchers participating: 2 Keywords: Archaeology / Geoarchaeology / Faunal remains / Human remains / Archaeobotany

P.I.: Carolina Mallol. Role: researcher. Title of the project: **Neanderthal Fire Technology** Financing Firm/administration: **Leakey Foundation** Institutions participating: Universidad de la Laguna, Weizmann Institute of Science Amount: **8,075 USD** Duration, since: 2010 Until: 2011 Number of researchers participating: 3 Keywords: Phytoliths / FTIR/ Micromorphology / Hearths/ Neanderthal / Scientific experimentation

P.I. Stephen Weiner and Israel Finkelstein. Role: researcher Title of the project: **Reconstructing ancient (biblical) Israel: The exact and life science perspective (RAILSP)** Kind of contract/Program: 7th Framework Program Financing Firm/administration: **European Research Council** Institutions participating: Tel Aviv University and Weizmann Institute of Science Number of the project / contract: RAIELSP 229418 Amount: **2,980,000 €** Years: 2009-2014 Number of researchers participating: 33 Keywords: Near Eastern Archaeology / Ancient Israel / Microarchaeology / Ancient DNA / Dating / Life sciences

P.I. Francesc Burjachs. Role: researcher. Title of the project: **Cambios tecno-culturales y de paisaje en la transición Pleistoceno-Holoceno en las zonas de influencia mediterránea de la Península Ibérica** Kind of contract/Program: Programa Nacional de humanidades Financing Firm/administration: MEDU - **Ministerio de Educación y Ciencia** Institutions participating: Universitat Rovira i Virgili Number of the project / contract: HUM2007-62915 Amount: **14,520 €** Years: 2007-2008 Number of researchers participating: 5 Keywords: Paleobotany / Lithic tools / Pleistocene – Holocene transition

P.I.: Eudald Carbonell. Role: pre-doctoral researcher. Title of the project: **Ecología, biología y comportamiento social y técnico en el Pleistoceno y el Holoceno de la Sierra de Atapuerca.** Financing Firm/administration: **Ministerio de Ciencia y Tecnología** Institutions participating: Universitat Rovira i Virgili Number of the project: BOS2003-08938-C03-03 Amount: **230,900 €** Years: 2003-2006 Number of researchers participating: 18 Keywords: Human evolution / Paleoanthropology / Paleoecology / Lithic tools

P.I.: Eudald Carbonell. Role: pre-doctoral researcher. Title of the project: **Grup d'Autoecologia Humana del Quaternari.** Kind of contract/Program: Ajuts de Suport als Grups de Recerca de Catalunya (SGR) Financing Firm/administration: Direcció General de Recerca. **Generalitat de Catalunya** Institutions participating: Universitat Rovira i Virgili. Number of the project / contract: 2001SGR-00313 Amount: **36,060.74 €** Years: 2002 -2005 Number of researchers participating: 14

Keywords: Human evolution / Paleoanthropology / Paleoecology / Lithic tools

P.I.: Eudald Carbonell. Role: pre-doctoral researcher. Title of the project: **Autoecología humana y tecnología de los pobladores prehistóricos de la Sierra de Atapuerca.** Kind of contract/Program: Programa Nacional de Promoción General del Conocimiento Financing Firm/administration: **Ministerio de Ciencia y Tecnología** Institutions participating: Universitat Rovira i Virgili Number of the project / contract: BXX2000-1258-C03-03 Amount: **97,180.81 €** Years: 2000-2003 Number of researchers participating: 12 Keywords: Human evolution / Paleoanthropology / Paleoecology / Lithic tools

Publications in Peer-Reviewed Journals

- Esteban, I., De Vynck, J.C., Singels, E., Vlok, J., Marean, C.W., Cowling, R.M., Fisher, E.C., **Cabanes, D.**, Albert, R.M., *In press*. Modern soil phytolith assemblages used as proxies for Paleoscape reconstruction on the south coast of South Africa, **Quaternary International**. Citations: 1
- Sanz, M., Daura, J., Égüez, N., **Cabanes, D.** *In press*. On the track of anthropogenic activity in carnivore dens: Altered combustion structures in Cova del Gegant (NE Iberian Peninsula). **Quaternary International**. Citations: 0
- Rodríguez, A., **Cabanes, D.** *In press*. Phytolith and FTIR studies applied to combustion structures: the case of the Middle Paleolithic site of El Salt (Alcoy, Alicante). **Quaternary International**. Citations: 3
- Vergès, J.M., Burguet-Coca, A., Allué, E., Expósito, I., Guardiola, M., Martín, P., Morales, J.I., Burjachs, F., **Cabanes, D.**, Carrancho, Á., Vallverdú, J., 2016. The Mas del Pepet experimental programme for the study of prehistoric livestock practices: Preliminary data from dung burning, **Quaternary International**, 414, pp. 304-315. Citations: 3
- Asscher, Y., **Cabanes, D.**, Hitchcock, L., Maeir, A.M., Weiner, S., Boaretto, E. 2015. Radiocarbon Dating Shows an Early Appearance of Philistine Material Culture in Tell es-Safi/Gath, Philistia. **Radiocarbon**, 57 (5), pp 825-850. Citations: 2
- Balbo, A.L., **Cabanes, D.**, García-Granero, J.J., Bonet, A., Ajithprasad, P., Terradas, X. 2015. A microarchaeological approach for the study of pits. **Environmental Archaeology**, 20 (4), pp. 390-405. Citations: 6
- Regev, L., **Cabanes, D.**, Homsher, R., Kleiman, A., Weiner, S., Finkelstein, I., Shahack-Gross, R. 2015. Geoarchaeological Investigations in a Domestic Iron Age Quarter, Tel Megiddo, Israel. **Bulletin of the American Schools of Oriental Research. BASOR** 374, pp. 135–157. Citations: 5
- Stutz, A.J., Shea, J.J., Rech, J.A., Pigate, J.S., Wilson, J., Belmaker, M., Albert, R.M., Aprin, T., **Cabanes, D.**, Clark, J.L., Hartman, G., Hourani, F., White, C.E., Nilsson Stutz, L. 2015. Early Upper Paleolithic chronology in the Levant: New ABOx-SC accelerator mass spectrometry results from the Mughr el Hamamah Site, Jordan. **Journal of Human Evolution**, 85, pp. 157-173. Citations: 6
- Cabanes, D.**; Shahack-Gross R. 2015. Understanding Fossil Phytolith Preservation: The Role of Partial Dissolution in Paleoecology and Archaeology. **PLoS ONE** 10(5): e0125532. doi:10.1371/journal.pone.0125532. Citations: 12
- Ackermann, O., Greenbaum, N., Ayalon, A., Bar-Matthews, M., Boaretto, E., Bruins, H.J., **Cabanes, D.**, Howkitz, L.K., Neumann, F.H., Porat, N., Weiss, E., Maeir, A.M. 2014 Using palaeo-environmental proxies to reconstruct natural and anthropogenic controls on sedimentation rates, Tell es-Safi/Gath, eastern Mediterranean. **Anthropocene**, 8, pp. 70-82. Citations: 5
- Shahack-Gross, R., Boaretto, E., **Cabanes, D.**, Katz, O, Finkelstein, I. 2014. Subsistence Economy in the Negev Highlands: The Iron Age and the Byzantine/Early Islamic Period. **Levant**, 46, 1, pp. 98-117. Citations: 10
- Mallol, C., Hernández, C., **Cabanes, D.**, Machado, J., Sistiaga, A., Pérez, L., Galván, B., 2013. Human Actions Performed on Simple Combustion Structures: An Experimental Approach to the Study of Middle Paleolithic Fire. **Quaternary International**, 315, pp. 3-15. Citations: 24
- Mallol, C., Hernández, C.M., **Cabanes, D.**, Sistiaga, A., Machado, J., Rodríguez, A., Pérez, L. Galván, B., 2013. The black layer of Middle Palaeolithic combustion structures, interpretation and

- archaeostratigraphic interpretations. *Journal of Archaeological Science*, 40, pp. 2515-2537. Citations: 46
- Albert, R.M., Cau, M.Á., **Cabanes, D.**, 2012. **Editorial:** The international workshop on site formation and post-depositional processes in archaeology (Barcelona, 2-4 June 2010). *Quaternary International*, 275, 1-3. Citations: 0
- Cabanes, D.**, Gadot, Y., Cabanes, M., Finkelstein, I., Weiner, S., Shahack-Gross, R., 2012. Human impact around settlement sites: a phytolith and mineralogical study for assessing site boundaries, phytolith preservation, and implications for spatial reconstructions using plant remains. *Journal of Archaeological Science*, 39, 2607-2705. Citations: 21
- Cabanes, D.**, Weiner, S., Shahack-Gross, R., 2011. Stability of phytoliths in the archaeological record: a dissolution study of modern and fossil phytoliths. *Journal of Archaeological Science*, 38, 2480-2490. Citations: 65
- Namdar, D., Zukerman, A., Maeir, A.M., Katz, J.C., **Cabanes, D.**, Trueman, C., Shahack-Gross, R., Weiner, S., 2011. The 9th century BCE destruction layer at Tell es-Safi/Gath, Israel: integrating macro- and microarchaeology. *Journal of Archaeological Science*, 38, 3471-3482. Citations: 19
- Cabanes, D.**, Albert, R.M., 2011. Microarchaeology of a collective burial: cova des Pas (Minorca). *Journal of Archaeological Science*, 38, 1119-1126. Citations: 12
- Katz, O., **Cabanes, D.**, Weiner, S., Maeir, A.M., Boaretto, E., Shahack-Gross, R., 2010. *Rapid phytolith extraction for analysis of phytolith concentrations and assemblages during an excavation: an application at Tell es-Safi/Gath, Israel.* *Journal of Archaeological Science*, 37, 1557-1563. Citations: 49
- Cabanes, D.**, Mallol, C., Expósito, I., Baena, J., 2010. Phytolith evidence for hearths and beds in the late Mousterian occupations of Esquilleu cave (Cantabria, Spain). *Journal of Archaeological Science*, 37, 2947-2957. Citations: 45
- Mallol, C., **Cabanes, D.**, Baena, J., 2010. Microstratigraphy and diagenesis at the upper Pleistocene site of Esquilleu Cave (Cantabria, Spain). *Quaternary International*, 214, 70-81. Citations: 30
- Albert, R.M., **Cabanes, D.**, 2009. Fire in prehistory: An experimental approach to combustion processes and phytolith remains. *Israel Journal of Earth Sciences*, 56, 175-189. Citations: 12
- Cabanes, D.**, Burjachs, F., Expósito, I., Rodríguez, A., Allué, E., Euba, I., Vergés, J.M., 2009. Formation processes through archaeobotanical remains: The case of the Bronze Age levels in El Mirador cave, Sierra de Atapuerca, Spain. *Quaternary International*, 193, 160-173. Citations: 57
- Albert, R.M., Bamford, M.K., **Cabanes, D.**, 2009. Palaeoecological significance of palms at Olduvai Gorge, Tanzania, based on phytolith remains. *Quaternary International*, 193, 41-48. Citations: 49
- Albert, R.M., Shahack-Gross, R., **Cabanes, D.**, Gilboa, A., Portillo, M., Sharon, I., Boaretto, E., Weiner, S., 2008. Phytolith-rich layers from the Late Bronze and Iron Ages at Tel Dor (Israel): Mode of formation and archaeological significance. *Journal of Archaeological Science*, 35, 57-75. Citations: 100
- Bamford, M.K., Albert, R.M., **Cabanes, D.**, 2006. Plio-Pleistocene macroplant fossil remains and phytoliths from Lowermost Bed II in the eastern paleolake margin of Olduvai Gorge, Tanzania. *Quaternary International*, 148, 95-112. Citations: 53

Albert, R.M., Bamford, M.K., **Cabanes, D.**, 2006. Taphonomy of phytoliths and macroplants in different soils from Olduvai Gorge (Tanzania) and the application to Plio-Pleistocene palaeoanthropological samples. *Quaternary International*, 148, 78-94. Citations: 87

Edited Journal Special Issues

Rosa Maria Albert, Miguel Ángel Cau and **Dan Cabanes** (Eds.) 2012. *Site Formation and Postdepositional Processes in Archaeology (International Workshop, Barcelona, 2–4 June 2010)*. *Quaternary International*, 275, pp. 1-136.

Invitations for Peer Reviewing Activities

Reviewer at: Science (1); Scientific Reports-Nature (1); Journal of Archaeological Science (11); Quaternary International (3); Review of Paleobotany and Palinology (2); Comptes Rendus Paleovol (1); Journal of Plant Research (1); Journal of Field Archaeology (1); BAR International series (1); Encyclopedia of Archaeological Soil and Sediment Micromorphology (1); Palaeogeography, Palaeoclimatology, Palaeoecology (1); Journal of Structural Biology (1); FLORA (1); Science of Total Environment (1)

Publications in International Book Chapters and Journals

Ackermann, O., Greenbaum, N., Osband, M., Almogi-Labin, A., Ayalon, A., Bar-Matthews, M., Boaretto, E., Bruins, H.J., **Cabanes, D.**, Kolska Horwitz, L., Neumann, F.H., Porat, N., Schilman, B., Wiess, E. and Maeir, A.M. (2015). "Soil and Sediments as an Archive of Landscape History - The Case Study of Tell es Safi/Gath, in the East Mediterranean" In Lucke B., Bäumlér R and Schmidt M. (Eds.). *Soils and Sediments as Archives of Environmental Change. Geoarchaeology and Landscape Change in the Subtropics and Tropics*. Erlanger Geographische Arbeiten Band 42: 281-294

Finkelstein, I., Ben Dor Evian, S., Boaretto, E., **Cabanes, D.**, Cabanes, M.T., Eliyahu-Behar, A., Faigenbaum, A., Gadot, Y., Langgut, D., Martin, M., Meiri, M., Namdar, D., Sapir-Hen, L., Shahack-Gross, R., Shaus, A., Sober, B., Toffolo, M., Yahalom-Mack, N., Zapassky, L., Weiner, S. 2012. *Reconstructing Ancient Israel: Integrating Macro- and Micro-archaeology*. Hebrew Bible and Ancient Israel (HeBAI), 1, 135-150. Citations: 5

Allué, E., **Cabanes, D.**, Solé, A., Sala, R. 2012. *Hearth Functioning and Forest Resource Exploitation Based on the Archeobotanical Assemblage from Level J* in: Carbonell E., (Ed.), High Resolution Archaeology and Neanderthal Behavior. Time and Space in level J of Abric Romaní (Capellades, Spain). Springer Netherlands, Dordrecht, pp. 373-385. Citations: 13

Cabanes, D., Allué, E., Vallverdú, J., Cáceres, I., Vaquero, M., Pastó, I., 2007. *Hearth structure and function at level J (50kyr, bp) from Abric Romaní (Capellades, Spain): phytolith, charcaol, bones and stone-tools* in: Madella, M., Zurro, D. (Eds.), Plant People and Places - Recent Studies in Phytolith Analysis. Oxbow Books, Oxford, pp. 98-106. Citations: 10

Publications in Spanish and Catalan Journals and Book Chapters

- Allué, E., **Cabanes, D.**, Expósito, I., Euba, I., Rodríguez, A., Casas, M., Burjachs, F. 2012. *Estudio arqueobotánico de las Camas (Villaverde, Madrid): Un Ejemplo de Interdisciplinariedad para el conocimiento del paisaje vegetal y los usos de las plantas en la Meseta durante el 1er Milenio aC* in: Morín, J. and Urbina, D. (Eds) *El Primer Milenio A.C. En La Meseta Central De La Longhouse Al Oppidum. Segunda Edad Del Hierro*. AUDEMA, Madrid, pp. 307-335
- Cabanes, D.**, Aliaga, R., Moreno, E. 2011. *Los Fitólitos de Síliceo* in: Blasco, C., Liesau, C., Ríos, P. (Eds.) *Yacimientos Calcolíticos con Campaniforme de la Región de Madrid: Nuevos Estudios*. Ediciones de la Universidad Autónoma de Madrid, Madrid, pp. 277-288.
- Vallverdú, P., Saladié, P., Bennàsar, M., **Cabanes, D.**, Mancha, E., Menéndez, L., Blain, H., Ollé, H., Vilalta, J., Mosquera, M., Cáceres, I., Expósito, I., Esteban, M., Huguet, R., Rosas, A., Solé, A., López-Polín, L., Martinell, J., Barbo, J., Bienvenido-Martínez, B., Agustí, J., Ros, S., Carbonell, E., Capdevila, R. 2007. *El barranc de la Boella de la Canonja (Tarragonès) revisitat en la intervenció arqueològica preventiva de l'any 2007*. *Tribuna d'Arqueologia*, pp. 7-28
- Saladié, P., Vallverdú, J., Bennàsar, L., **Cabanes, D.**, Mancha, E., Menéndez, E., Blain, H., Ollé, A., Mosquera, M., Vilalta, J., Cáceres, I., Expósito, I., Esteban, M., Huguet, R., Rosas, A., Solé, A., López-Polín, L., García, A.B., Martínez, B., Carbonell, E., Capdevila, R. 2008. *Resultats preliminars del nivell 2 del sondeig al Centre de Convencions del barranc de la Boella*. *Cota Zero: revista d'Arqueologia i Ciència*, 23, pp. 13-19.
- Pérez-Juez, A., Wiseman, J., Goldberg, P., Hansen, J., Mullen, K., Ostovich, M., Payne, C., Gornés, S., **Cabanes, D.**, Euba, I., Morales, J.V., Morin, J., López-Fraile, F.J. 2007. *El uso del espacio doméstico de una casa del Talayótico Final: excavaciones de la Casa2 del yacimiento de Torre d'en Galmès, Alaior 2003-2006* in: *L'Arqueologia a Menorca: Eina per al coneixement del passat*. Llibres del Patrimoni històric i cultural. Consell Insular de Menorca, Mahó, pp 53-74.
- Esteban, M., Cáceres, I., Pérez, M., Carbonell, E., Galuchino, J., Allué, E., Burjachs, F., Euba, I., Expósito, I., **Cabanes, D.**, Fontanals, M., García-Antón, M.D., Ollé, A., Rodríguez, A., Van der Made, J., Vergès, J.M. 2007. *Proyecto de arqueología experimental en Lacuniacha, un espacio natural protegido en los Pirineos (Huesca, España)* in: Ramos, M.L., González-Urquijo, J.E., Baena, J. (Eds.) *Arqueología Experimental en la Península Ibérica*. Servicio de Publicaciones de la Universidad de Cantabria, Santander, pp. 77-87.
- Allué, E.; Euba, I.; **Cabanes, D.**; Cáceres, I.; Esteban, M.; Pérez, M.J. 2007. *El uso de los recursos forestales del Parque Faunístico de los Pirineos Lacuniacha como herramienta científica para la experimentación aplicada al Paleolítico* in: Ramos, M.L., González-Urquijo, J.E., Baena, J. (Eds.) *Arqueología Experimental en la Península Ibérica*. Servicio de Publicaciones de la Universidad de Cantabria, Santander, pp. 89-97.

Experience Organizing Meetings and Workshops

2011. **Meeting convenor and organizer** *International Student Workshop on Microarchaeology*, April 3-8, 2011. Weizmann Institute of Science, Rehovot, Israel.
2010. **Meeting convenor and organizer** of *Workshop on Site Formation and Postdepositional Processes in Archaeology*, Barcelona, 2-4 June 2010, University of Barcelona, Barcelona.
2006. **Meeting organization of 6th International Meeting on Phytolith Research**, ICREA, September 2006, Barcelona

Meeting Contributions

- Cabanes, D.**, 2016. Phytoliths. **Invited speaker** in Workshop on the Analysis of Microparticles in Archaeological Samples (WAMPAS). Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.
- Cabanes, D.**, 2016. Phytolith taphonomy in archaeological sites. **Invited keynote** in 10th International Meeting on Phytolith Research, Aix-en-Provence, France.
- Gur-Arieh, S., Henry, A., **Cabanes, D.**, 2016. Effects of fire in phytolith assemblages: experimental approach and archaeological applications. Communication presented in 10th International Meeting on Phytolith Research, Aix-en-Provence, France.
- Rodríguez-Cintas, Á., **Cabanes, D.** 2014. Phytolith studies applied to the combustion structures: the case of the Middle Paleolithic site of El Salt (Alcoy, Alicante) communication presented in XVII World UISPP Congress, Burgos, Spain
- Expósito, I.; **Cabanes, D.**; Burjachs, F.; Alonso, M. 2014. El Mirador Cave (Sierra de Atapuerca, Burgos, Spain): the vegetal microremains. Poster presented in XVII World UISPP Congress, Burgos, Spain.
- Mallol, C.; Hernández, C.; **Cabanes, D.**; Machado, J.; Rodríguez, Á.; Galván, B. 2014. EMIS5 Combustion Structures at Abric del Pastor, Alcoy, Alicante. Poster presented in XVII World UISPP Congress, Burgos, Spain.
- Shahack-Gross, R.; Homsheer, R.; Regev, L.; **Cabanes, D.**; Kleiman, A. 2013. Geoarchaeological Investigation in a Domestic Iron Age Quarter. Communication presented in American Schools of Oriental Research 2013 Annual Meeting, Baltimore. USA.
- Cabanes, D.** 2013. *Microarqueologia a Megiddo area Q: resultats preliminars per a les anàlisis de fitòlits i FTIR*. Communication presented in II Reunió Oikos de Bioarqueologia, Tarragona, Spain.
- Esteban, I.; **Cabanes, D.**; Albert, R.M. 2013. *Reconstrucción de la vegetación en la costa central de Sudáfrica a través del estudio de fitolitos en base al análisis de suelos modernos*. Communication presented in II Reunió OIKOS de Bioarqueologia. Tarragona, Spain.
- Rodríguez-Cintas, A.; **Cabanes, D.** 2013. *Estructuras de combustión musterienses de El Salt (Alcoy, Alicante): estudio mineralógico y de fitolitos*. Communication presented in II Reunió Oikos de Bioarqueología. Tarragona, Spain.
- Albert, R.M.; Esteve, X.; Portillo, M.; **Cabanes, D.**; Rodríguez-Cintas, A.; Esteban, I.; Macià, L. 2013. *Bases de dades i la seva utilitat en la bioarqueologia: l'exemple del PhytCore*. Communication presented in II Reunió OIKOS de Bioarqueologia. Tarragona, Spain.
- Esteban, I.; **Cabanes, D.**; Albert, R.M.; Marean, C.W. 2013. *Phytolith taphonomy: A case study in the context of the modern human behavior evolution at Pinnacle Point 5/6, Mossel Bay, South Africa*. Communication presented in Seventh World Archaeological Congress. Dead Sea, Jordan.
- Esteban, I.; **Cabanes, D.**; Albert, R.M. 2013. *Phytoliths as a tool to identify the exploitation of vegetal resources and reconstruct the vegetation of Pinnacle Point 5/6 (Mossel Bay) during early Homo sapiens occupation*. Communication presented in I African Phytolith Working Group Workshop. Johannesburg, South Africa.

- Shahack-Gross, D.; **Cabanes, D.**; Weiner, S. 2013. *Taphonomy and preservation of phytoliths: A quantitative approach*. Communication presented in International Workshop on Archaeological Soil Micromorphology & Developing International Geoarchaeology (DIG). Basel, Switzerland.
- Mallol, C.; Sistiaga, A.; **Cabanes, D.**; Hernández, C.; Galván, B. 2013. *Advances in Microstratigraphic Dissection of Archaeological Palimpsests: An example from El Salt Middle Palaeolithic Site (Alicante, Spain)*. Communication presented in International Workshop on Archaeological Soil Micromorphology & Developing International Geoarchaeology (DIG). Basel, Switzerland.
- Cabanes, D.**; Weiner, S.; Shahack-Gross, R. 2011. *Phytolith Stability in Archaeological Sediments*. Communication presented in MicroArchaeology Workshop. Rehovot, Israel.
- Cabanes, D.** 2011. *Preliminary Results of Phytolith Analysis in Megiddo Area Q*. Communication presented in Second Annual Meeting European Research Council Project: Reconstructing Ancient (Biblical) Israel the Exact and Life Sciences Perspective. Safed, Israel.
- Cabanes, D.** 2010. *Izbet Sartah: Preliminary Results and Phytolith Dissolution in Alkaline pH*. Communication presented in First Annual Meeting European Research Council Project: Reconstructing Ancient (Biblical) Israel the Exact and Life Sciences Perspective. Ma'alot, Israel.
- Cabanes, D.**; Weiner, S.; Shahack-Gross, R.; Albert, R. M. 2010. *Experimental Phytolith Dissolution in Alkaline pH*. Communication presented in Workshop on Site Formation and Postdepositional Processes in Archaeology. Barcelona. Spain.
- Cabanes, D.**; Expósito, I.; Burjachs, F.; Vallverdú, J. 2009. *Microfacies and Biofacies Sampling in TD6 Aurora Stratum*. Communication presented in INQUA Workshop: Singular events viewed in the archaeostratigraphic records: a complementary perspective to high resolution continental and marine archives. La Canonja, Spain.
- Fontanals, M.; Vergés, J. M.; Cáceres, I.; Allué, E.; Angelucci, D. E.; de Lluc Bennàsar, M.; **Cabanes, D.**; Euba, I.; Expósito, M. I.; García, A.; Martín, P. 2008. *Missing: Un Experimento a Largo Plazo Para Evaluar los Procesos Tafonómicos en Yacimientos Arqueológicos*. Poster presented in II International Congress of Experimental Archaeology. Ronda, Spain.
- Cabanes, D.** 2008. *Fitolitos en la Edad del Hierro. Los ejemplos de Las Camas y La Guirnalda*. Invited conference in El Primer Milenio a.C. en la Meseta Central. De la longhouse al oppidum. Segundo Simposio Audema. Madrid, Spain.
- Mallol, C.; **Cabanes, D.**; Baena, J. 2008. *Pre-excavation Geoarchaeology at Esquilleu Cave, Cantabria*. Communication presented in Géoarchéologie et Taphonomie, Aix-en-Provence, France.
- Albert, R.M.; **Cabanes, D.** 2006. *Phytolith studies as a tool for vegetation and palaeolandscape reconstruction*. Communication presented in Plio-Pleistocene climatic changes, faunal turnovers and human dispersals. Tarragona, Spain.
- Cabanes, D.**; Burjachs, F.; Allue, E.; Expósito, I; Rodríguez, A.; Euba, I.; Vergès, J.M. 2006. *Archaeobotanical remains from the Bronze Age facies of El Mirador cave, Sierra de Atapuerca, Spain*. Communication presented in 6th International Meeting on Phytolith Research. Barcelona, Spain.
- Albert, R.M.; Bamford, M.K.; **Cabanes, D.** 2006. *Reconstruction of the vegetation of the eastern palaeolake margin of Olduvai Gorge, Tanzania, during Lowermost Bed II times*. Communication presented in 6th International Meeting on Phytolith Research. Barcelona, Spain.
- Cabanes, D.** 2005. *FTIR from modern and fossil soil samples from Olduvai Gorge*. Communication presented in 2nd International Workshop 'Olduvai Paleolandscape Project'. Barcelona, Spain.

Allué, E.; Burjachs, F.; **Cabanes, D.**; Euba, VI.; Expósito, I.; Llàcer, P.; Rodríguez, A. 2004. *An interdisciplinary contribution to palaeoethnobotany: the study of the Bronze Age deposit from El Mirador (Sierra de Atapuerca, Burgos)*. Poster presented in 13th Symposium of the International Work Group for Palaeoethnobotany. Girona, Spain.

Cabanes, D.; Allué, E.; Vallverdú, J.; Cáceres, I.; Vaquero, M.; Pastó, I. 2002. *Hearth Functioning at Level J (50KYr BP) from the Abric Roman (Capellades, Spain): Phytoliths, Charcoal, Bones and Stone-tools*. Communication presented in 4th International Meeting on Phytolith Research. Cambridge, UK.

Cabanes, D.; Cacqueray, Y.; Fontanals, M.; López, A.; Rodríguez, A.; Saladie, P.; Zaragoza, J. 1999. *Estudio preliminar sobre los restos de l'Era del Castell (El Catllar, Tarragona)*. Poster presented in III Congreso de Arqueología Peninsular. Vila Real, Portugal.

Invited Conferences

Cabanes, D. *Phytolith preservation and diagenesis in archaeological sites*, invited seminar at the University of Tübingen, date: 11/12/2015

Cabanes, D. *Phytolith preservation in archaeological sites*, invited seminar at the Max Planck Institute for Evolutionary Anthropology (Leipzig, Germany), date: 21/01/2015

Cabanes, D. *Phytoliths and FTIR, Applications in Prehistory and Archaeology (Original Spanish title: Fitolitos y FTIR, aplicaciones en Prehistoria y Arqueología)*, invited conference at La Universidad de La Laguna, La Laguna (Tenerife, Spain), date: 13/04/2014

Cabanes, D. *FTIR spectroscopic Applications to the study of archaeological hearths (Original Spanish title: Aplicaciones de la espectroscopia FTIR al estudio de los hogares arqueológicos)*, invited conference at El Foc i la Prehistòria: una Visió des de la Geoarqueologia, University of Barcelona, Barcelona, Date: 25/04/2014

Cabanes, D. *Microarchaeology applied to Funerary Archaeology (Original Catalan title: Microarqueologia aplicada a l'arqueologia funerària)*, invited conference at Cicle de conferències a l'Associació Catalano-Balear de Paleopatologia de l'Acadèmia de Ciències Mèdiques i de la Salut de Catalunya i Balears, Acadèmia de les Ciències Mèdiques i de la Salut de Catalunya i Balears, Barcelona. Date: 20/03/2013

Cabanes, D. *Silica phytoliths: what are they and what are they used for (Original Spanish title: Fitolitos de sílice: qué son y para qué sirven)*, invited conference at La Arqueología madrileña del siglo XXI: La certidumbre del presente, Universidad Autónoma de Madrid, Madrid. Date: 23/03/2007

Field Experience

2014 – 2013. Sampling and excavation at **Abrigo de la Boja** site, Mula, Spain, University of Barcelona.

2013. Sampling at **Cova del Gegant**, Sitges, Spain, University of Barcelona.

2009 – 2013. Excavation and sampling at **Tel es Safi-Gath**, Israel. Bar-Ilan University and Weizmann Institute of Science.

2012 – 2013. Excavation and sampling at **El Salt**, Spain. University of La Laguna and University of Barcelona.

- 2012 – Sampling at **Letzexiki**, Arasate, Spain. Basque Country University and University of Barcelona.
- 2010 – 2011. Excavation and sampling at Area Q, **Megiddo**, Israel. Tel-Aviv University and Weizmann Institute of Science.
- 2009 – Excavation and sampling at **Isbet Sartah**, Israel. Tel-Aviv University and Weizmann Institute of Science.
- 2009 – Excavation and sampling at **Tel'Eiton**, Israel. Bar-Ilan University and Weizmann Institute of Science.
- 2009 – Ethnoarchaeological mudbrick-house excavation at **Gvulot**, Negev desert, Israel. Tel-Aviv University and Weizmann Institute of Science.
- 2008 – 2009. Excavation and sampling at **La Boella** site, La Canonja, Spain. Catalan Institute of Human-Paleoecology and Social Evolution (IPHES).
- 2006 – 2008. Excavation and sampling at **Torre d'en Gaumès**, Minorca, Spain. Boston University.
- 2006 – Sampling at **El Esquilleu**, Spain. Universidad Autónoma de Madrid and IPHES.
- 1999 – 2000. Excavation and sampling at **Fuentes de San Cristobal**, Spain. University Rovira i Virgili.
- 1999 – 2008. Excavation and sampling at Sierra de **Atapuerca** (Burgos). Catalan Institute of Human-Paleoecology and Social Evolution (IPHES).
- 1998 – 2006. Excavation and sampling at **Abric Romaní**, Spain. University Rovira i Virgili.

Short Research Stays Abroad

2001. Invited researcher at Kimmel Center for Archaeological Science, **Weizmann Institute of Science** (Rehovot, **Israel**). Training in phytoliths and FTIR analysis. Host: Steve Weiner, duration 1 month.
2002. Pre-doctoral visiting student at Institute of Archaeology, **University College of London** (London, **UK**). Training in phytolith analysis and soil micromorphology applied to archaeology. Hosts: Arlene Rosen and Richard MacPhail, duration 3 months.
2003. Pre-doctoral visiting student at **Paleoresearch Institute** (Golden, CO, **USA**). Training in phytolith analysis. Host: Linda Scott Cummings, duration 3 months.
2015. Invited researcher at Kimmel Center for Archaeological Science, **Weizmann Institute of Science** (Rehovot, **Israel**). Research on the genetic variability of phytolith production in wheat. Host: Ruth Shahack-Gross, duration 1 month.

Scientific Reports

- Cabanes, D.** 2008. Phytolith analysis at Viña de la Huerta site. Institution: IPHES
- Cabanes, D.** 2008. Phytolith analysis at Zorreras site. Institution: IPHES
- Cabanes, D.** 2008. Phytolith analysis at Ocaña site. Institution: IPHES
- Cabanes, D.** 2008. New phytolith analysis at Yeseras site. Institution: IPHES
- Cabanes, D.** 2007. Phytolith analysis at Yeseras site. San Fernando de Henares, Madrid. Institution: IPHES

- Cabanes, D.** 2007. Phytolith analyses from a votive jar at s'Hospitalet Vell, Manacor (Mallorca), Spain. Institution: IPHES
- Cabanes, D.** 2007. Phytolith analysis at La Guirnalda site, Guadalajara, Spain. Institution: IPHES
- Cabanes, D.** 2007. FTIR analyses of the sediments at Cova 120. Institution: IPHES
- Cabanes, D.** 2005. FTIR and phytolith analyses at Torre d'en Gaumès, Alaior (Menorca), Spain. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili.
- Cabanes, D.** 2005. Phytolith analysis at Can Gambús site, Sabadell, Spain. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili
- Cabanes, D.** 2005. FTIR and phytolith analyses at Mas d'en Quarts, Tarragona, Spain. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili
- Cabanes, D.** 2004. Phytolith analysis at Las Camas site, Madrid. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili
- Cabanes, D.** 2004. FTIR analysis of the Neolithic layers at El Mirador site, Sierra de Atapuerca, Burgos, Spain. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili
- Cabanes, D.** 2004. Determination of burned bones at Sima del Elefante site, Sierra de Atapuerca, Burgos, Spain. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili
- Cabanes, D.** 2003. Phytolith analysis at Can Barraquer site. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili.
- Cabanes, D.** 2003. Phytolith analysis of a funerary structure at the Plaça de la Vi-la de Madrid site, Barcelona. Institution: Àrea de Prehistòria, Universitat Rovira i Virgili

Experience with Scientific Instrumentation

Manager of the Archaeology department laboratories at the University of Barcelona (2013 -2015)

FTIR spectroscope: advanced experience, daily user and responsible for this equipment at the Laboratory of Archaeology in the University of Barcelona. Training: Weizmann Institute of Science.

FTIR – microscope: experience with phytolith molecular composition using Cary 620 FTIR Microscope from Agilent Technologies. Training: Max Planck Institute for Evolutionary Research.

Petrographic microscope: advanced experience, daily user for microfossil and micromorphology analyses. Training: Weizmann Institute of Science / University College of London / University Rovira i Virgili.

UV-Visible spectrophotometer: advanced experience, regular user for detection of Si concentrations in water and phosphate concentrations in soils. Training: Weizmann Institute of Science.

Scanning Electron microscope: experience with individual phytolith elemental composition analysis. Training: Weizmann Institute of Science / University Rovira i Virgili.

X-ray microCT: experience with detection of vegetal microstructures fossilized in archaeological sites. Training: Weizmann Institute of Science.

XRD and XRF: user experience to study the mineralogical and chemical composition of archaeological sediments. Training: Universitat Rovira i Virgili / Weizmann Institute of Science.

Total station: advanced user experience with Trimble total stations

General laboratory equipment: experience supervising and using general laboratory equipment such as centrifuges, microcentrifuges, pHmeters, shaker-incubators, muffle furnaces, binocular microscopes, and precision balances.

IT proficiencies: Advanced experience in MS Windows, MacOS, and Mandrake (Linux) OS, cloud systems such iCloud, Dropbox, Google drive. Proficiency in MS Office, Open Office, Pages, Keynote,

Numbers, Filemaker, Endnote, Mendeley, Dreamweaver, Adobe CS, Corel Draw X5, Virtual Campus UB. Advanced experience in laboratory or archaeology related software like Omnic (FTIR), Avizo (microCT), SpectraSuite (UV-Visible spectrophotometry), and Autocad.

PART B: TRAINING AND TEACHING EXPERIENCE

Ph.D.-Theses and Master Theses Advised

- Àgata Rodríguez. 2012. Study of the phytoliths from the Mousterian combustion structures at El Salt, Alcoi, Alacant (Original spanish title: Estudio de fitolitos de las estructuras de combustión musterienses de El Salt, Alcoi, Alacant). Master thesis. Faculty of Bio-sciences, Universitat Autònoma de Barcelona. Advisors: Rosa M. Albert and **Dan Cabanes**
- Nafsika Chrysoula Andriopoulou. 2014. Phytolith analysis from cereals and modern soils: applications in Archaeology and Prehistory. Master thesis, Universitat Rovira i Virgili / IPHES. Advisors: **Dan Cabanes** and Ethel Allue.
- Irene Esteban. 2016. Reconstructing Past Vegetation and Modern Human Foraging Strategies on the South Coast of South Africa. PhD thesis, Faculty of Geography and History, University of Barcelona. Advisors: Rosa M. Albert and **Dan Cabanes**.
- Aitor Burguet. *In preparation*. Combustion activities in Prehistory: phytolith and mineral approach. (Original Spanish title: Las actividades de combustión durante la Prehistoria. Una aproximación desde el análisis de los fitolitos y los minerales). PhD thesis, Faculty of Arts, University Rovira i Virgili (Tarragona). Advisors: **Dan Cabanes** and Ethel Allue. Date of defense expected: January 2019.

Official Teaching Experience

Type of teaching: Official teaching. Name of subject/ name of course: **Prehistoric Archaeology of Europe (207)** Type of programme: **Undergraduate courses** Course of the qualification taught: **Spring 2017** Number of credits: 3 Body where project took place: **Rutgers University** City: New Brunswick

Type of teaching: Official teaching. Name of subject/ name of course: **Introduction to Archaeology (105)** Type of programme: **Undergraduate courses** Course of the qualification taught: **Fall 2016** Number of credits: 4 Body where project took place: **Rutgers University** City: New Brunswick

Type of teaching: Official teaching Name of subject/ name of course: **Microarchaeology** Type of programme: **PhD** Type of teaching: Theory Type of subject: Obligatory Title: **The International Max Planck Research School "The Leipzig School of Human Origins" (IMPRS LSHO)** Course of the qualification taught: **2015** Body where project took place: **Max Planck Institute for Evolutionary Anthropology** City: Leipzig

Type of teaching: Official teaching Name of subject/ name of course: **Prehistory of the Iberian Peninsula** Type of programme: **Bachelor's degree** Type of teaching: Theory / practice Type of subject: Obligatory Title: **History / Archaeology** Course of the qualification taught: **2014-2015** Number of credits: 3 Body where project took place: **University of Barcelona** City: Barcelona

Type of teaching: Official teaching Name of subject: **Prehistory** Type of programme: **Bachelor's degree** Type of teaching: Theory/practice Type of subject: Obligatory. Title: **History / Archaeology** Area of the programme: National. Course of the qualification taught: **2014-2015**. Number of credits: 3. Body where project took place: **University of Barcelona** City: Barcelona

Type of teaching: Official teaching Name of subject: **Prehistory** Type of programme: **Bachelor's degree** Type of teaching: Theory/practice Type of subject: Obligatory. Title: **History / Archaeology** Area of the programme: National. Course of the qualification taught: **2013-2014**. Number of credits: 8. Body where project took place: **University of Barcelona** City: Barcelona

Type of teaching: Official teaching Name of subject: **Prehistory** Type of programme: **Bachelor's degree** Type of teaching: Theory/practice Type of subject: Obligatory. Title: **History / Archaeology**. Area of the programme: National. Course of the qualification taught: **2012-2013**. Number of credits: 3. Body where project took place: **University of Barcelona**. City: Barcelona

Type of teaching: Official teaching Name of subject: **Funerary archaeology as a change reflection**. Type of programme: **Master's degree** Type of teaching: **Coordination** and Theory / practice Type of subject: Optional Title: **Archaeology**. Course of the qualification taught: **2012-2013** Number of credits: 2.5 Body where project took place: **University of Barcelona** City: Barcelona

Type of teaching: Official teaching Name of subject: **The use of the biotic resources in the environment**. (L'aprofitament dels recursos biòtics del medi) Skills relating: Analysis techniques: Identification of burnt bones using FTIR spectroscopy. Type of programme: **Master's degree** Type of teaching: **Laboratory hands-on**. Type of subject: Obligatory Title: **Archaeology** Course of the qualification taught: 2012-2013 Number of hours: 2 Body where project took place: **University of Barcelona** City: Barcelona

Type of teaching: Official teaching Name of subject/ name of course: **Prehistory of the Iberian Peninsula** Type of programme: **Bachelor's degree** Type of teaching: Theory / practice Type of subject: Obligatory Title: History / Archaeology Course of the qualification taught: **2012-2013** Number of credits: 3 Body where project took place: **University of Barcelona** City: Barcelona

Type of teaching: International teaching Name of subject/ name of course: **Geoarchaeology**: Lecture at the **Mediterranean Archaeological Field School, Boston University** Type of programme: Courses and Seminars – Taught Date of the last time: 19/06/2007 Body where project took place: **Boston University**

Participation in committees and evaluation processes

2016. GSNB Fulbright Faculty Committee for the 2017-2018 application cycle. Rutgers University, New Brunswick.

2017. PhD thesis Evaluation Committee. Author: Rahab Kinyanjui. Title: Phytolith analyses to Compare Changes in Vegetation Structure of Koobi Fora and Olorgesailie Basins through the Mid-Pleistocene-Holocene Periods. Advisor: Marion Bamford. School: Geosciences. University of the Witwatersrand, Johannesburg, South Africa.

Additional Training Activities

2014. Training in phytolith analysis and FTIR of Kristen Wroth, PhD candidate at Boston University.

2012-2013. Training in FTIR analysis of Natalia Egüez, PhD candidate at University of Kiel, Mónica Alonso, PhD candidate at the Basque Country University, and Carme Soarin, Master student at University of Barcelona.

2011-2012. Training in phytolith analysis of Michael Toffolo (PhD candidate at the Weizmann Institute of Science, currently post-doctoral fellowship at University of Tübingen, Germany) and Shira Gur-Arie (PhD candidate at Bar-Ilan University, currently Postdoctoral fellowship at Max Planck Institute for Evolutionary Anthropology)