EUROPEAN MEDICINES AGENCY
SCIENCE MEDICINES HEALTH

Curriculum Vitae

Personal information

Andreu Rico

Work experience

1. Employer: Wageningen University
   - Start date: 102009
   - End date: 052014
   - Position: PhD researcher
   - Activities:
   - Country: Netherlands
2. Employer: Wageningen Environmental Research
   - Start date: 062014
   - End date: 112015
   - Position: Junior Researcher
   - Activities:
   - Country: Netherlands
3. Employer: IMDEA Water Institute
   - Start date: 122015
   - End date: 122020
   - Position: Post_doc researcher
   - Activities:
   - Country: Spain
4. Employer: University of Valencia
   - Start date: 012021
   - End date:
   - Position: Full researcher
   - Activities:
   - Country: Spain

Education and training

1. Subject: Polytechnic University of Valencia
   - Start date:
   - End date:
   - Qualification: BSc Agricultural Engineer
   - Organisation:
   - Country: Spain
2. Subject: Polytechnic University of Valencia
   - Start date:
   - End date:
   - Qualification: BSc Environmental Sciences
   - Organisation:
   - Country: Spain
3. Subject: Wageningen University
   - Start date:
   - End date:
   - Qualification: MSc Environmental Sciences
   - Organisation:
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4. Subject: Wageningen University
   - Start date:
   - End date:
   - Qualification: PhD Environmental Sciences (Ecotoxicology)
   - Organisation:
   - Country: Netherlands

Additional information

Publications

Redondo_Hasselerharm P.E., Rico A. and Koelmans A.A., 2023. Risk assessment of microplastics in freshwater sediments guided by strict quality criteria and data alignment methods. Journal of Hazardous Materials, 441, p.129814. IF: 14.2; Q1. https://doi.org/10.1016/j.jhazmat.2022.129814 Martínez_Campos S., González_Pleiter M., Rico A., Schell T., Vighi M., Fernández_Piñas F., Rosal R. and Leganés F., 2023. Time_course Biofilm Formation and Presence of Antibiotic Resistance Genes on Everyday Plastic Items Deployed in River Waters. Journal of Hazardous Materials, p.130271. In press. IF: 14.2; Q1. https://doi.org/10.1016/j.jhazmat.2022.130271 Galarza E., Moulatlet G.M., Rico A., Cabrera M., Pinos‐Velez V., Pérez‐González A. and Capparelli M.V., 2022. Human health risk assessment of metals and metalloids in mining areas of the Northeast Andean Foothills of the Ecuadorian Amazon. Integrated Environmental Assessment and Management. In press. IF: 3.08; Q2. https://doi.org/10.1002/ieam.4698 Rueda‐Cediel P., Galic N., Brain R., Pinto‐Ledezma J.N., Rico A. and Forbes, V., 2022. Using life‐history trait variation to inform ecological risk assessments for threatened and endangered plant species. Integrated Environmental Assessment and Management. In press. IF: 3.08; Q2. https://doi.org/10.1002/ieam.4615 Pacheco N.I.N., Semerad J., Pivokonsky M., Cajthaml T., Filip J., Busquets_Fité M., Dvorak J., Rico A. and Prochazkova P., 2022. Effects of silver sulfide nanoparticles on the earthworm Eisenia andrei. Comparative Biochemistry and Physiology Part C: Toxicology & Pharmacology, 257, p.109355. IF: 4.52; Q1. https://doi.org/10.1016/j.cbpc.2022.109355 Schell T., Rico A., Cherta L., Nozal L., Dafouz R., Giacchini R. and Vighi, M., 2022.

Influence of microplastics on the bioconcentration of organic contaminants in fish: Is the “Trojan horse” effect a matter of concern?. Environmental Pollution, p.119473. IF: 9.99; Q1. https://doi.org/10.1016/j.envpol.2022.119473 Welch S.A., Lane T., Desrousseaux A.O., van Dijk J., Mangold_Döring A., Gajraj R., Hader J.D., Hermann M., Kutteyeri A.P.A., Mentzel S., Rico A⋯ and Nagesh P., 2022. ECORISK2050: An Innovative Training Network for predicting the effects of global change on the emission, fate, effects, and risks of chemicals in aquatic ecosystems. Open Research Europe, 1(154), p.154. IF: NA. https://open_research_europe.ec.europa.eu/articles/1_154/v2 Polazzo F., Marina T.I., Crettaz_Minaglia M. and Rico A., 2022. Food web rewiring drives long_term compositional differences and late_disturbance interactions at the community level. Proceedings of the National Academy of Sciences, 119(17), p.e2117364119. IF: 12.8; Q1. https://doi.org/10.1073/pnas.2117364119 Schell T., Martinez‐Perez S., Dafouz R., Hurley R., Vighi M. and Rico, A., 2022. Effects of Polyester Fibers and Car Tire Particles on Freshwater Invertebrates. Environmental Toxicology and Chemistry 41 (6), 1555–1567. IF: 4.22; Q2. https://doi.org/10.1002/etc.5337 Wilkinson J.L., Boxall A.B., Kolpin D.W., Leung K.M., Lai R.W., Galbán_Malagón C., Adell A.D., Mondon J., Metian M., Marchant R.A., ⋯Rico A,⋯ Bouzas_Monroy A., 2022. Pharmaceutical pollution of the world’s rivers. Proceedings of the National Academy of Sciences, 119(8), p.e2113947119. IF: 12.8; Q1. https://doi.org/10.1073/pnas.211394711 Martínez_Megías C. and Rico A., 2022 Biodiversity impacts by multiple anthropogenic stressors in Mediterranean coastal wetlands. Science of The Total Environment, p.151712. IF: 7.96; Q1. https://doi.org/10.1016/j.scitotenv.2021.151712 Polazzo F, Oliveira dos Anjos TB, Arenas_Sánchez A, Romo S, Vighi M, Rico A. 2022. Effect of multiple agricultural stressors on freshwater ecosystems: the role of community structure, trophic status, and biodiversity_functioning relationships on ecosystem responses. Science of the Total Environment 807, 151052. IF: 7.96; Q1. https://doi.org/10.1016/j.scitotenv.2021.151052 González_Gaya, B., García_Bueno, N., Buelow, E., Marin, A. and Rico, A., 2022. Effects of aquaculture waste feeds and antibiotics on marine benthic ecosystems in the Mediterranean Sea. Science of The Total Environment, 806, p.151190. IF: 7.96; Q1. https://doi.org/10.1016/j.scitotenv.2021.151190 Lopez_Herguedas, N., González_Gaya, B., Castelblanco_Boyacá, N., Rico, A., Etxebarria, N., Olivares, M., Prieto, A. and Zuloaga, O., 2022. Characterization of the contamination fingerprint of wastewater treatment plant effluents in the Henares River Basin (central Spain) based on target and suspect screening analysis. Science of The Total Environment, 806, p.151262. IF: 7.96; Q1. https://doi.org/10.1016/j.scitotenv.2021.151262 Polazzo, F., Roth, S.K., Hermann, M., Mangold‐Döring, A., Rico, A., Sobek, A., Van den Brink, P.J. and Jackson, M.C., 2022. Combined effects of heatwaves and micropollutants on freshwater ecosystems: Towards an integrated assessment of extreme events in multiple stressors research. Global change biology, 28(4), pp.1248_1267. IF: 10.86; Q1. https://doi.org/10.1111/gcb.15971 Rico, A., de Oliveira, R., de Souza Nunes, G.S., Rizzi, C., Villa, S., Vizioli, B.D.C., Montagner, C.C. and Waichman, A.V., 2022. Ecological risk assessment of pesticides in urban streams of the Brazilian Amazon. Chemosphere, p.132821. IF: 7.08; Q1. https://doi.org/10.1016/j.chemosphere.2021.132821 Schell, T., Hurley, R., Buenaventura, N.T., Mauri, P.V., Nizzetto, L., Rico, A. and Vighi, M., 2022. Fate of microplastics in agricultural soils amended with sewage sludge: Is surface water runoff a relevant environmental pathway?. Environmental Pollution, p.118520. IF: 7.96; Q1. https://doi.org/10.1016/j.envpol.2021.118520 Capparelli, M.V., Cabrera, M., Rico, A., Lucas_Solis, O., Alvear_S, D., Vasco, S., Galarza, E., Shiguango, Lady, Pinos_Velez, V., Pérez_González, A., Espinosa, R., M. Moulatlet, G., 2021. An Integrative Approach to Assess the Environmental Impacts of Gold Mining Contamination in the Amazon. Toxics 9, 149. IF: 4.15; Q1. https://doi.org/10.3390/toxics9070149 Schell, T., Hurley, R., Nizzetto, L., Rico, A. and Vighi, M., 2021. Spatio_temporal distribution of microplastics in a Mediterranean river catchment: The importance of wastewater as an environmental pathway. Journal of Hazardous Materials, 420, p.126481. IF: 10.59; Q1. https://doi.org/10.1016/j.jhazmat.2021.126481 Rico, A., de Oliveira, R., de Souza Nunes, G.S., Rizzi, C., Villa, S., López_Heras, I., Vighi, M. and Waichman, A.V., 2021. Pharmaceuticals and other urban contaminants threaten Amazonian freshwater ecosystems. Environment International, 155, p.106702. IF: 9.62; Q1. https://doi.org/10.1016/j.envint.2021.106702 Fabregat_Safont, D., Ibáñez, M., Bijlsma, L., Hernández, F., Waichman, A.V., de Oliveira, R. and Rico, A., 2021. Wide_scope screening of pharmaceuticals, illicit drugs and their metabolites in the Amazon River. Water Research, 200, p.117251. IF: 11.23; Q1. https://doi.org/10.1016/j.watres.2021.117251 Oliveira dos Anjos, T.B., Polazzo, F., Arenas‐Sánchez, A., Cherta, L., Ascari, R., Migliorati, S., Vighi, M. and Rico, A., 2021. Eutrophic status influences the impact of pesticide mixtures and predation on Daphnia pulex populations. Ecology and Evolution, 11(9), pp.4046_4057. IF: 2.91; Q2. https://doi.org/10.1002/ece3.7305 Vighi, M., Bayo, J., Fernández_Piñas, F., Gago, J., Gómez, M., Hernández_Borges, J., Herrera, A., Landaburu, J., Muniategui_Lorenzo, S., Muñoz, A.R. ⋯ Rico, A⋯., 2021. Micro and nanoplastics in the environment: Research priorities for the near future. Reviews in Environmental Contamination and Toxicology. IF: 5.77; Q1. https://doi.org/10.1007/398_2021_69 Polazzo, F. and Rico, A., 2021. Effects of multiple stressors on the dimensionality of ecological stability. Ecology Letters 24:1594–1606. IF: 9.49; Q1. https://doi.org/10.1111/ele.13770 Nyberg, O., Rico, A., Guinée, J.B. and Henriksson, P.J.G., 2021. Characterizing antibiotics in LCA—a review of current practices and proposed novel approaches for including resistance. The International Journal of Life Cycle Assessment, pp.1_16. IF: 4.14; Q1. https://doi.org/10.1007/s11367_021_01908_y Bijlsma, L., Pitarch, E., Hernández, F., Fonseca, E., Marín, J.M., Ibáñez, M., Portolés, T. and Rico, A., 2021. Ecological risk assessment of pesticides in the Mijares River (eastern Spain) impacted by citrus production using wide_scope screening and target quantitative analysis. Journal of Hazardous Materials, 412, p.125277. IF: 10.59; Q1. https://doi.org/10.1016/j.jhazmat.2021.125277 Bijlsma, L., Picó, Y., Andreu, V., Celma, A., Estévez_Danta, A., González_Mariño, I., Hernández, F., de Alda, M.L., López_García, E., Marcé, R.M⋯.Rico A⋯ and Miró, M., 2021. The embodiment of wastewater data for the estimation of illicit drug consumption in Spain. Science of the Total Environment, 772, p.144794. IF: 7.96; Q1. https://doi.org/10.1016/j.scitotenv.2020.144794 Arenas_Sánchez A, Dolédec S, Vighi M, Rico A, 2021. Effects of anthropogenic pollution and hydrological variation on macroinvertebrates in Mediterranean rivers: a case_study in the upper Tagus River basin (Spain). Science of The Total Environment, 766 p.144044. IF: 7.96; Q1. http://dx.doi.org/10.1016/j.scitotenv.2020.144044 Vilas_Boas JA, Arenas_Sánchez A, Vighi M, Romo S, Van den Brink PJ, Dias RJP, Rico A, 2021. Multiple stressors in Mediterranean coastal wetland ecosystems: influence of salinity and an insecticide on zooplankton communities under different temperature conditions. Chemosphere, p.129381. IF: 7.08; Q1. http://dx.doi.org/10.1016/j.chemosphere.2020.129381 Rico A, Dafouz R, Vighi M, Rodríguez‐Gil JL, Daam, M.A., 2021. Use of post_registration monitoring data to evaluate the ecotoxicological risks of pesticides to surface waters: a case study with chlorpyrifos in the Iberian Peninsula. Environmental Toxicology and Chemistry 40(2), pp.500_512 IF: 3.74; Q2. https://doi.org/10.1002/etc.4927 Kalantzi I, Rico A, Mylona K, Pergantis SA, Tsapakis M (2020). Fish farming, metals and antibiotics in the Eastern Mediterranean Sea: Is there a threat to sediment wildlife?. Science of the Total Environment, p. 142843. IF: 6.55; Q1. http://dx.doi.org/10.1016/j.scitotenv.2020.142843 Peng FJ, ter Braak CJ, Rico A, Van den Brink PJ (2020). 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Reviews of Environmental Contamination and Toxicology 250, 1_43. IF: 7.00; Q1. http://dx.doi.org/10.1007/398_2019_40 González_Pleiter M, Cirés S, Wörmer L, Agha R, Pulido_Reyes G, Martín_Betancor K, Rico A, Leganés F, Quesada A, Fernández_Piñas F (2020). Ecotoxicity assessment of microcystins from freshwater samples using a bioluminescent cyanobacterial bioassay. Chemosphere 240, 124966. IF: 5.11; Q1.

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IF: 6.55; Q1. http://dx.doi.org/10.1016/j.scitotenv.2020.140384 González_Mariño I, Ares L, Montes R, Rodil R, Cela R, López_García E, Postigo C, de Alda ML, Pocurull E, Marcé RM, Bijlsma L, Hernández F, Picó Y, Andreu V, Rico A, Valcárcel Y, Miró M, Etxebarria N, Quintana JB (2020). Assessing population exposure to phthalate plasticizers in thirteen Spanish cities through the analysis of wastewater. Journal of Hazardous Materials, p.123272. IF: 9.04; Q1. http://dx.doi.org/10.1016/j.jhazmat.2020.123272 Pocurull E, Marcé RM, González_Mariño I, Rodil R, Montes R, Estévez_Danta A, Andreu V, Bijlsma L, Celma A, Hernández F, López de Alda M, López_García E, Picó Y, Postigo C, Rico A, Valcárcel Y, Quintana JB, 2020. El análisis de aguas residuales con fines epidemiológicos: presente y futuro en España. Revista Española de Drogodependencia pp. 91_103. IF: NA. http://hdl.handle.net/10261/222944 Shahbaz_Gahroee S, Aazami J, Aghamohammadi A, Rico A, Sumon KA (2020). Length_mass relationships for macroinvertebrates in the Choghakhor international wetland, Iran. Biologia, pp.1_9. IF: 0.81; Q3. http://dx.doi.org/10.2478/s11756_020_00585_w Vilas_Boas JA, Cardoso SJ, Senra MVX, Rico A, Dias RJP (2020). Ciliates as model organisms for the ecotoxicological risk assessment of heavy metals: A meta–analysis. Ecotoxicology and Environmental Safety, 199, p.110669. IF: 4.87; Q1. http://dx.doi.org/10.1016/j.ecoenv.2020.110669 Sun M, Duker RQ, Gillissen F, Van den Brink PJ, Focks A, Rico A (2020). Influence of pH on the toxicity of ionisable pharmaceuticals and personal care products to freshwater invertebrates. Ecotoxicology and Environmental Safety, 191, p.110172. IF: 4.87; Q1. http://dx.doi.org/10.1016/j.ecoenv.2020.110172 Rico A, Brock TC, Daam MA (2019). Is the effect assessment approach for fungicides as laid down in the EFSA Aquatic Guidance Document sufficiently protective for freshwater ecosystems?. Environmental Toxicology and Chemistry 38 (10): 2279–2293. IF: 3.42; Q2. http://dx.doi.org/10.1002/etc.4520 Rico A, Arenas_Sánchez A, Alonso_Alonso C, López_Heras I, Nozal L, Rivas D, Vighi M (2019). Identification of contaminants of concern in the upper Tagus river basin (central Spain). Part 1: Screening, quantitative analysis_ and comparison of sampling methods. Science of the Total Environment 666, 1058_1070. IF: 4.90; Q1. http://dx.doi.org/10.1016/j.scitotenv.2019.02.250 Arenas_Sánchez A, Rico A, Rivas_Tabares D, Blanco A, Doncel PG, Salas AR, Nozal L, Vighi, M. (2019). Identification of contaminants of concern in the upper Tagus river basin (central Spain). Part 2: Spatio_temporal analysis and ecological risk assessment. Science of the Total Environment 667, 222_233. IF: 4.90; Q1. http://dx.doi.org/10.1016/j.scitotenv.2019.02.286 Rico A, Vighi M, Van den Brink PJ, ter Horst, M, Macken A, Lillicrap A, Falconner L, Telfer TC (2019). 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IF: 2.23; Q2. http://dx.doi.org/10.1002/ieam.4080 Van den Brink PJ, Boxall ABA, Maltby L, Brooks BW, Rudd MA, Backhaus T, Spurgeon D, Verougstraete V, Ajao C, Ankley GT, Apitz SE, Arnold K, Brodin T, Cañedo‐Argüelles M, Chapman J, Corrales J, Coutellec M_A, Fernandes TF, Fick J, Ford AT, Papiol GG, Groh KJ, Hutchinson TH, Kruger H, Kukkonen JVK, Loutseti S, Marshall S, Muir D, Ortiz‐Santaliestra ME, Paul KB, Rico A, Rodea‐Palomares I, Römbke J, Rydberg T, Segner H, Smit M, van Gestel CAM, Vighi M, Werner I, Zimmer EI, van Wensem J (2018). Toward sustainable environmental quality: Priority research questions for Europe. Environmental Toxicology and Chemistry 37, 2281–2295. IF: 3.18; Q2. http://dx.doi.org/10.1002/etc.4205 Henriksson PJG, Belton B, Jahan KM, Rico A (2018). Measuring the potential for sustainable intensification of aquaculture in Bangladesh using Life Cycle Assessment. Proceedings of the National Academy of Sciences 115(12): 2958_2963. IF: 9.50; Q1. http://dx.doi.org/10.1073/pnas.1716530115 González_Gaya B, Cherta L, Nozal L, Rico A (2018). An optimized sample treatment method for the determination of antibiotics in seawater, marine sediments and biological samples using LC_TOF/MS. Science of the Total Environment, 643, 994_1004. IF: 4.61; Q1. http://dx.doi.org/10.1016/j.scitotenv.2018.06.079 Ali H, Rahman MM, Rico A, Jaman A, Basak SK, Islam MM, Khan N, Keus HJ, Mohan CV (2018). An assessment of health management practices and occupational health hazards in tiger shrimp (Penaeus monodon) and freshwater prawn (Macrobrachium rosenbergii) aquaculture in Bangladesh. Veterinary and Animal Science 5: 10_19. IF: NA. http://dx.doi.org/10.1016/j.vas.2018.01.002 Henriksson PJ, Rico A, Troell M, Klinger DH, Buschmann AH, Saksida S, Chadag MV, Zhang W (2018). Unpacking factors influencing antimicrobial use in global aquaculture and their implication for management: a review from a systems perspective. 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Evaluating aquatic invertebrate vulnerability to insecticides based on intrinsic sensitivity, biological traits, and toxic mode of action. Environmental Toxicology and Chemistry 34:1907_1917. Won the ET&C SETAC Best Paper Award. IF: 2.76; Q2. http://dx.doi.org/10.1002/etc.3008 Del Arco AI, Parra G, Rico A, Van den Brink PJ (2015). Effects of intra_and interspecific competition on the sensitivity of aquatic macroinvertebrates to carbendazim. Ecotoxicology and Environmental Safety 120: 27_34. IF: 3.13; Q1. Henriksson PJ, Troell M, Rico A (2015). Antimicrobial use in aquaculture: Some complementing facts. Proceedings of the National Academy of Sciences, 112(26), E3317. IF: 9.42; Q1. http://dx.doi.org/10.1007/s10646_015_1512_y Viaene KPJ, De Laender F, Rico A, Van den Brink PJ, Di Guardo A, Morselli M, Janssen CR (2015). Species interactions and chemical stress: Combined effects of intraspecific and interspecific interactions and pyrene on Daphnia magna population dynamics. 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IF: 2.36; Q2. http://dx.doi.org/10.1007/s10646_011_0601_9 Rico A, Geber_Corrêa R, Campos PS, Garcia MVB, Waichman AV, Van den Brink PJ (2010). Effect of parathion_methyl on Amazonian fish and invertebrates: A comparison of sensitivity with temperate data. Archives of Environmental Contamination and Toxicology 58: 765_771. IF: 1.93; Q2. http://dx.doi.org/10.1007/s00244_009_9409_5

Projects

2008_2010. A model for integrated risk assessment of pesticide use in the Brazilian Amazon. Funded by CAPES (Brazil). 2008_2010. Number of partners: 3. 2009_2011. Ecological risk assessment of pesticide runoff from banana plantations in Costa Rica. Funded by Formas – SIDA/SAREC (Sweden). 2009_2011. Number of partners: 5. 2009_2013. Sustaining Ethical Aquaculture Trade (SEAT). Funded by the Seventh Framework Programme of the EU Commission. 2009_2013. Number of partners: 9. 2013_2016. ChimERA: an integrated modelling tool for ecological risk assessment – towards more ecologically realistic assessment of chemicals in the environment. Funded by the Long_Range Initiative of CEFIC. 2013_2016.Number of partners: 4. 2012_2016. Assessing the effects of chemicals in untreated household wastewater on the ecosystems of rivers in developing regions. Funded by UNILEVER. 2012_2016. Number of partners: 3. 2014_2018. SOLUTIONS: for present and future emerging pollutants in land and water resources management. Funded by the Seventh Framework Programme of the EU Commission. 2014_2018. Number of partners: >15. 2014_2015. Participation in several projects funded by the chemical industry (BAYER, SYNGENTA, BASF). 2014_2015. Participation in research projects funded by the Dutch Ministry of Economic Affairs. 2016_2020. TAPAS: Tools for Assessment and Planning of Aquaculture Sustainability. Funded by the H2020 Programme of the EU Commission (Project number: 678396). Number of partners. 16. Role: principal investigator. Awarded amount: 189,059€. 2016_2019. IMPASSE. Impacts of MicroPlastics in AgroSystems and Stream Environments. Funded by the EU JPI_Water initiative (PCIN_2017_016). Number of partners: 5. Role: work team. Awarded amount: 135,000€. 2018_2022. ECORISK2050. Effects of global change on the emission, fate, effects and risks of chemicals in aquatic ecosystems. Funded by the EU commission H2020_MSCA_ITN program (Project number: 813124). Number of partners: 10. Role: principal investigator. Awarded amount: 250,905€. 2019_2022 ECOREST: Ecotoxicological tools for the assessment of Resilience to climate change and chemical stress. Funded by the Spanish Ministry of Science, Innovation and Universities (Retos Investigacion; RTI2018_097158_A_C32). Number of partners: 3. Role: principal investigator. Awarded amount: 142,780€. 2019_2020 SILENT AMAZON. An assessment of the occurrence and ecological risks of anthropogenic contaminants in the Amazon River. Funded by the National Geographic Society (EC_59809C_19). Number of partners: 4. Role: project coordinator. Awarded amount: 9,200€. 2019_2020 Creación e implementación de la Unidad de Ecotoxicología y Monitoreo Ambiental del IKIAM (Universidad Regional Amazónica de Ecuador). IKIAM Innovation and Development project co_funded by the Spanish Embassy in Ecuador. Number of partners: 2. Role: principal investigator. Awarded amount: 24,693€. 2020_2021 IBERAQUA_NET. Red científica sobre los riesgos de la contaminación y escasez de agua en ecosistemas acuáticos ibéricos en un contexto de cambio global: recomendaciones de gestión. Funded by the Spanish Ministry of Science, Innovation and Universities (Redes de Investigación; RED2018 - 102737 - T). Number of partners: 2. Role: principal investigator. 2020_2022 PERIAMAR: Pesticide risk assessment for amphibians and reptiles. European Cooperation in Science and Technology (COST ACTION, CA18221). Number of partners: +50. Role: work team, member of the management committee. 2020_2023 µNanoCare: Quantification of micronanoplastics in reclaimed water and agricultural ecosystems. Environmenal risk assessment. Funded by the Spanish Ministry of Science, Innovation and Universities (Retos Colaboración; RTC2019_007261_5). Number of partners: 3. Role: principal investigator. Awarded amount: 237,968€. 2021_2025 PAPILLONS. Plastic in Agricultural Production: Impacts, Lifecycles and LONg_term Sustainability. Funded by the H2020 Programme of the EU Commission (Project number: 101000210). Number of partners: 20. Role: principal investigator. Awarded amount: 7,075,862 €. 2021_2025 ERAHUMED: New tools and

technologies for the risk assessment of chemical pollution in Mediterranean wetlands. Funded by the Talented Researcher Support Programme _ Plan GenT of the Generalitat Valenciana (CIDEGENT/2020/043). Role: coordinator. Awarded amount: 200,000 €. 2021_2025 2022_2024 C_QUEST: Impact of anthropogenic pollutants on the GHG emissions and C_sequestering capacity related to the biodiversity of Mediterranean wetlands: an experimental approach. Funded by the Ministry of Science and Innovation (Ecological and Digital Transition; TED2021_130813B_I00). Number of partners: 1. Role: principal investigator. Awarded amount: 302,450€.

Memberships

Society of Environmental Toxicology and Chemistry (since 2008 Member of the editorial board of the journal Environmental Toxicology and Chemistry (IF: 3.15, Q2) from January 2017 to August 2020, and associate editor from September 2020.

Other Relevant Information

• Won the SETAC 2015 best paper award for the publication: Evaluating aquatic invertebrate vulnerability to insecticides based on intrinsic sensitivity, biological traits, and toxic mode of action. Andreu Rico and Paul J. Van den Brink. DOI: 10.1002/etc.3008. http://www.setac.org/default.asp?page=Awards2016 • Won the Sustainability Science Journal "Honorable mention award" for 2018 papers. Publication: Henriksson, P.J., Rico, A., Troell, M., Klinger, D.H., Buschmann, A.H., Saksida, S., Chadag, M.V. and Zhang, W., 2018. Unpacking factors influencing antimicrobial use in global aquaculture and their implication for management: a review from a systems perspective. Sustainability science, 13(4), pp.1105_1120. • Got the Exceptional Reviewer recognition in 2018 and 2019 for being part of the Editorial Board of the Journal Environmental Toxicology and Chemistry. • Won the Best Poster Award at the XVII National Congress of Aquaculture,7_10th May 2019. Poster: Efectos en el biofilm de los principales antibióticos utilizados en acuicultura. García_Bueno N, Marín C, Rico A, González_Gaya B, Marín A. • Won the Young Investigator Award by the journal Toxics in 2020.