












82 publications in international peer-reviewed scientific journals, including 9 publications as first/co-first author, and 15 publications as last/co-last/corresponding author.

14'406 total citations, h-index: 44 (source: [Google Scholar](#)).

Full list available at [Google Scholar](#) and [My NCBI Bibliography](#).

Selected Publications

- 2025[#] **Basic science and translational implications of current knowledge on neuroendocrine tumors.** 
Journal of Clinical Investigation. DOI: <https://doi.org/10.1172/jci186702>; PMID: [40026252](#)
Fernandez-Cuesta L, Alcalá N, Mathian E, Derks J, Thirlwell C, Dayton T, Marinoni I, Perren A, Walter T, Foll M.
- 2024[#] **Assessment of the current and emerging criteria for the histopathological classification of lung neuroendocrine tumours in the lungNENomics project.** 
ESMO Open. DOI: <https://doi.org/10.1016/j.esmoop.2024.103591>; PMID: [38878324](#)
Mathian E, Drouet Y, Sexton-Oates A, Papotti MG, Pelosi G, ..., Foll M.
GitHub: <https://github.com/IARCBioinfo/LNENBarlowTwins>.
- 2024[#] **Multi-omic dataset of patient-derived tumor organoids of neuroendocrine neoplasms.** 
Gigascience. DOI: [10.1093/gigascience/giae008](https://doi.org/10.1093/gigascience/giae008); PMID: [38451475](#)
Alcalá N, Voegelé C, Mangiante L, Sexton-Oates A, Clevers H, Fernandez-Cuesta L, Dayton TL, Foll M.
GitHub: [IARCBioinfo/MS_panNEN_organoids](#).
- 2023 **Druggable growth dependencies and tumor evolution analysis in patient-derived organoids of neuroendocrine neoplasms from multiple body sites.** 
Cancer Cell. DOI: [10.1016/j.ccell.2023.11.007](https://doi.org/10.1016/j.ccell.2023.11.007); PMID: [38086335](#)
Dayton TL, Alcalá N, Moonen L, den Hartigh L, Geurts V, ..., Foll M, Fernández-Cuesta L, Clevers H.
- 2023 **Spotlight on Small-Cell Lung Cancer and Other Lung Neuroendocrine Neoplasms.** 
American Society of Clinical Oncology Educational Book. DOI: [10.1200/EDBK_390794](https://doi.org/10.1200/EDBK_390794); PMID: [37229617](#)
Fernandez-Cuesta L, Sexton-Oates A, Bayat L, Foll M, Lau SCM, Leal T.
- 2023[#] **Multiomic analysis of malignant pleural mesothelioma identifies molecular axes and specialized tumor profiles driving intertumor heterogeneity.**  24 citations 
Nature Genetics. DOI: [10.1038/s41588-023-01321-1](https://doi.org/10.1038/s41588-023-01321-1); PMID: [36928603](#)
Mangiante L, Alcalá N, Sexton-Oates A, Di Genova A, Gonzalez-Perez A, ..., Foll M[#], Fernandez-Cuesta L[#].
- 2023 **HaloAE: A Local Transformer Auto-Encoder for Anomaly Detection and Localization Based on HaloNet.** 
Proceedings of the 18th International Joint Conference on Computer Vision, Imaging and Computer Graphics Theory and Applications (VISIGRAPP 2023). DOI: [10.5220/00118659000003417](https://doi.org/10.5220/00118659000003417)
Mathian E, Liu H, Fernandez-Cuesta L, Samaras D, Foll M, Chen L.
GitHub: [IARCBioinfo/HaloAE](#).
- 2022[#] **A molecular phenotypic map of malignant pleural mesothelioma.** 
Gigascience. DOI: [10.1093/gigascience/giac128](https://doi.org/10.1093/gigascience/giac128); PMID: [36705549](#)
Di Genova A, Mangiante L, Sexton-Oates A, Voegelé C, Fernandez-Cuesta L, Alcalá N, Foll M.
GitHub: [IARCBioinfo/MESOMICS_data](#).
- 2021[#] **Challenges in lung and thoracic pathology: molecular advances in the classification of pleural mesotheliomas.**
Virchows Archiv. DOI: [10.1007/s00428-020-02980-9](https://doi.org/10.1007/s00428-020-02980-9); PMID: [33411030](#)
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Gabriel AAG, Mathian E, Mangiante L, Voegelé C, Cahais V, ..., Foll M.
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GitHub: [IARCBioinfo/needlestack](#).

- 2020 **EURACAN/IASLC Proposals for Updating the Histologic Classification of Pleural Mesothelioma: Towards a More Multidisciplinary Approach.** 🏆 147 citations 
Journal of Thoracic Oncology. DOI: [10.1016/j.jtho.2019.08.2506](https://doi.org/10.1016/j.jtho.2019.08.2506); PMID: [31546041](https://pubmed.ncbi.nlm.nih.gov/31546041/)
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- 2019# **Molecular studies of lung neuroendocrine neoplasms uncover new concepts and entities.** 
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- 2019# **Redefining malignant pleural mesothelioma types as a continuum uncovers immune-vascular interactions.** 
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- 2019# **Integrative and comparative genomic analyses identify clinically relevant pulmonary carcinoid groups and unveil the supra-carcinoids.** 🏆 141 citations 
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- 2019 **Linking a mutation to survival in wild mice.** 🏆 172 citations 
Science. DOI: [10.1126/science.aav3824](https://doi.org/10.1126/science.aav3824); PMID: [30705186](https://pubmed.ncbi.nlm.nih.gov/30705186/)
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- 2018 **Prediction of acute myeloid leukaemia risk in healthy individuals.** 🏆 778 citations 
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- 2017 **BAP1 Is Altered by Copy Number Loss, Mutation, and/or Loss of Protein Expression in More Than 70% of Malignant Peritoneal Mesotheliomas.** 
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- 2014* **Widespread signals of convergent adaptation to high altitude in Asia and America.** 
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Annual Review of Ecology, Evolution, and Systematics. DOI: [10.1146/annurev.ecolsys.39.110707.173414](https://doi.org/10.1146/annurev.ecolsys.39.110707.173414); Full text
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*: first/co-first author.

#: last/co-last/corresponding author.

🏆 : >20 citations/year.

🏆 : >50 citations/year (on average since publication, source: [Google Scholar](https://scholar.google.com)).

🌐 : Open Access publication.