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Médico Adjunto. Servicio de Anatomía Patológica. Fundación Jiménez Díaz

Profesora asociada del departamento de Anatomía Patológica de la Facultad de Medicina. (UAM) 2014-2020

PHD. Título: Carcinoma de Mama N0. Características Clínicas, Inmunohistoquímicas, Genéticas Y Epigenéticas Universidad Autónoma de Madrid 2002

Licenciado en Medicina y Cirugía Universidad Autónoma de Madrid 1998

PROYECTOS DE INVESTIGACIÓN

INVESTIGADORA PRINCIPAL:

LINFOMA T PANICULITO Y SIMULADORES. MARCADORES MOLECULARES DE DIAGNOSTICO Y TERAPIA DIRIGIDA. 2018-2020. FIS-ISCIPI-PI17/21

ESTUDIO RETROSPECTIVO SOBRE FACTORES CLINICOS, FENOTIPICOS Y GENETICOS DE LOS LINFOMAS T PERIFERICOS EN LA POBLACION ESPAÑOLA. 2015-2016 TAKEDA

INVESTIGADORA ASOCIADA:

LINFOMAS AGRESIVOS, ANALISIS CLINICOS Y GENOMICO INTEGRADO PARA UNA MEDICINA DE PRECISIÓN. 2018-2021. CAM

AGRESSIVE T CELL LYMPHOMAS, INTEGRATED CLINICAL AND GENOMIC ANALYSIS FOR A PRECISION MEDICINE. 2019-2021. AECC

CIBER ÁREA CÁNCER. CB16/12/00291. 2017-2021

APPLICABILITY AND RELIABILITY OF MUTATIONAL ANALYSIS (NGS) IN ROUTINE LYMPHOMA DIAGNOSTIC TISSUE SPECIMENS. 2016

RASTREO MUTACIONAL Y FIRMA MOLECULAR EN LINFOMA PERIFÉRICO DE CÉLULAS T. KURA ONCOLOGY. 2018-2020

NEOPLASIAS HEMATOLÓGICAS, TERAPIA APOYADA EN EL DIAGNÓSTICO MOLECULAR 2010-2015. AECC

IDENTIFICACION DE MARCADORES DE VALOR PRONÓSTICO Y TERAPEUTICO EN LA ENFERMEDAD NEOPLASICA. 2006 OCNOSIS.

EXPERIENCIA DOCENTE:

-Profesora de la II Edición del Máster Internacional en Dermatopatología y Correlación Clínica de la Universidad de Alcalá, (2016-2017)

-Profesora del Máster de Oncología Molecular. "Clase Linfomas T. Actualización". URJC, Madrid.

-Directora de Trabajo de Fin de Máster. Máster en Análisis Sanitarios. Facultad de Farmacia. 2018-2019

Título: "Secuenciación Masiva de Última generación (NEXT-GENERATION SEQUENCING, NGS) Y PCR CONVENCIONAL DE LOS GENES TCRGAMMA Y BETA EN MICOSIS FUNGOIDE Y PROCESOS LINFOPROLIFERATIVOS CD30+. USO DIAGNÓSTICO E IMPLICACIÓN BIOLÓGICA"

Alumna: Carmen Irene Palomar.

Nota. 9,3

TESIS DOCTORALES DIRIGIDAS

Doctorando: Rebeca Manso Alonso.

Título: "Búsqueda y caracterización de nuevas alteraciones moleculares en Linfoma de célula T periférico".

UAM. Fecha Lectura: 09/10/2017

Sobresaliente CUM LAUEDEM. Premio Extraordinario.

Doctorando: Lucía Prieto-Torres.

Título: "Linfomas cutáneos con expresión de CD30: Clasificación, pronóstico y terapias dirigidas".

UNIZAR. Fecha Lectura: 12/12/2019

Sobresaliente.

PUBLICACIONES

GUIAS:

-RECOMENDACIONES PARA EL ESTUDIO HISTOPATOLOGICO, INMUNOHISTOQUIMICO, CITOGENETICO Y MOLECULAR E INFORME DIAGNOSTICO DE LOS PROCESOS NEOPLASICOS LINFOIDES. CONSENSO SEAP-SEHHGOTEL. (LIBRO BLANCO DE AP).

LIBROS:

The mediastinal mass. A multidisciplinary approach. Ed. R Franco, F Zito, A Giordano. Humana Press, Springer Science. ISSN 2197-781X. Part II Anterior Mediastinum Masses. V13 Mediastinal Lymphoma. MA Piris, J Muñoz and SM Rodriguez.

ARTÍCULOS:

Index H: 39

Nº Publicaciones (2001-2020): 117

Piris MA, Rodríguez-Pinilla SM, Santonja C, Betancor I, Alonso-Alonso R, Gru AA, Rodriguez M. Update on peripheral T-cell lymphomas with T-helper phenotype: Are there too many subtypes? *Semin Diagn Pathol.* 2019 Dec 17. pii: S0740-2570(19)30113-3. doi: 10.1053/j.semdp.2019.12.005. [Epub ahead of print] Review. PubMed PMID: 31870687.

Bravo-Perez C, Pajares I, Muiña B, Escobar H, Amigo ML, Garcia-Malo MD, Garcia J, Rodríguez-Pinilla SM, Piris MA, Ortuño FJ. Double hit B cell precursor leukemia/lymphoma in a patient with a prior diagnosis of follicular lymphoma: a diagnostic and therapeutic dilemma. *Ann Hematol.* 2020 Feb;99(2):391-393. doi: 10.1007/s00277-019-03897-3. Epub 2019 Dec 20. PubMed PMID: 31858188.

Torre-Castro J, Carrasco Santos L, Rodríguez-Pinilla SM, Requena L. Pagetoid reticulosis in a 13-year old female. A unique immunohistochemical profile. *J Cutan Pathol.* 2019 Nov 29. doi: 10.1111/cup.13622. [Epub ahead of print] PubMed PMID: 31785005.

Rodríguez-Pinilla SM, Sánchez-García FJ, Balagué O, Rodríguez-Justo M, Piris MÁ. Breast implant-associated EBV-positive large B-cell lymphomas: report of three cases. *Haematologica.* 2019 Nov 21. pii: haematol.2019.232355. doi: 10.3324/haematol.2019.232355. [Epub ahead of print] PubMed PMID: 31753922.

Santonja C, Carrasco L, Pérez-Sáenz MLÁ, Rodríguez-Pinilla SM. A Skin Plaque Preceding Systemic Relapse of Gamma-Delta Hepatosplenic T-Cell Lymphoma. *Am J Dermatopathol.* 2019 Nov 12. doi: 10.1097/DAD.0000000000001569. [Epub ahead of print] PubMed PMID: 31725483.

Bravo-Perez C, Pajares I, Muiña B, Escobar H, Amigo ML, Garcia-Malo MD, Garcia J, Rodríguez-Pinilla SM, Piris MA, Ortuño FJ. Double hit B cell precursor leukemia/lymphoma in a patient with a prior diagnosis of follicular lymphoma: a diagnostic and therapeutic dilemma. *Ann Hematol.* 2019 Dec;98(12):2837-2839. doi: 10.1007/s00277-019-03829-1. Epub 2019 Nov 11. PubMed PMID: 31712881.

Prieto-Torres L, Chamizo C, Salgado RN, Atance M, Soto C, Alonso Domínguez JM, Arquero T, Piris MA, Requena L, Rodríguez-Pinilla SM. Inflammatory Cells in Atypical Eruption of Lymphocyte Recovery Carry the Same Mutations as Neoplastic

Myeloid Cells. Am J Dermatopathol. 2019 Oct 1. doi: 10.1097/DAD.0000000000001530. [Epub ahead of print] PubMed PMID: 31592861.

Santonja C, Prieto-Torres L, Pérez-Sáenz MLÁ, Requena L, Rodríguez-Pinilla SM. T-Cell-Rich Recurrence of Primary Cutaneous Follicle Center Lymphoma After Systemic Rituximab: A Diagnostic Pitfall. Am J Dermatopathol. 2019 Oct 1. doi: 10.1097/DAD.0000000000001544. [Epub ahead of print] PubMed PMID: 31592859.

Pérez González YC, Llamas Velasco MDM, Díaz Recuero JL, Machan S, Núñez Hipolito L, Piris Pinilla MA, Rodríguez Pinilla SM. Adnexotropism as a Histopathological Clue for the Diagnosis of Primary Cutaneous CD4+ Small/Medium-Sized T-Cell Lymphoproliferative Disorder. Am J Dermatopathol. 2019 Jul 12. doi: 10.1097/DAD.0000000000001490. [Epub ahead of print] PubMed PMID:31313694.

Prieto-Torres L, Manso R, Cieza-Díaz DE, Jo M, Kilany Pérez L, Montenegro-Damaso T, Eraña I, Lorda M, Suarez Massa D, Machan S, Córdoba R, Ara M, Requena L, Rodríguez-Pinilla SM, Piris MA. Large Cells With CD30 Expression and Hodgkin-like Features in Primary Cutaneous Marginal Zone B-Cell Lymphoma: A Study of 13 Cases. Am J Surg Pathol. 2019 Sep;43(9):1191-1202. doi: 10.1097/PAS.0000000000001287. PubMed PMID: 31145160.

Pérez C, Mondéjar R, García-Díaz N, Cereceda L, León A, Montes S, Durán Vian C, Pérez Paredes MG, González-Morán A, Alegre de Miguel V, Sanz Anquela JM, Frias J, Limeres MA, González LM, Martín Dávila F, Beltrán M, Mollejo M, Méndez JR, González MA, González García J, López R, Gómez A, Izquierdo F, Ramos R, Camacho C, Rodríguez-Pinilla SM, Martínez N, Vaqué JP, Ortiz-Romero PL, Piris MA. Advanced-stage mycosis fungoides: role of the signal transducer and activator of transcription 3, nuclear factor- κ B and nuclear factor of activated T cells pathways. Br J Dermatol. 2020 Jan;182(1):147-155. doi: 10.1111/bjd.18098. Epub 2019 Jul 25. PubMed PMID: 31049933.

Cieza-Díaz DE, Prieto-Torres L, Rodríguez-Pinilla SM, Córdoba Mascuñano R, Manso Alonso R, Machan S, Piris Pinilla MÁ, Requena Caballero L. Mycosis Fungoides Associated With Lesions in the Spectrum of Primary Cutaneous CD30+ Lymphoproliferative Disorders: The Same Process or 3 Coexisting Lymphomas? Am J Dermatopathol. 2019 Nov;41(11):846-850. doi: 10.1097/DAD.0000000000001423. PubMed PMID: 30946099.

González-Rincón J, Méndez M, Gómez S, García JF, Martín P, Bellas C, Pedrosa L, Rodríguez-Pinilla SM, Camacho FI, Quero C, Pérez-Callejo D, Rueda A, Llanos M, Gómez-Codina J, Piris MA, Montes-Moreno S, Bárcena C, Rodríguez-Abreu D,

Menárguez J, de la Cruz-Merino L, Monsalvo S, Parejo C, Royuela A, Kwee I, Cascione L, Arribas A, Bertoni F, Mollejo M, Provencio M, Sánchez-Beato M. Unraveling transformation of follicular lymphoma to diffuse large B-cell lymphoma. *PLoS One*. 2019 Feb 25;14(2):e0212813. doi: 10.1371/journal.pone.0212813. eCollection 2019. PubMed PMID: 30802265; PubMed Central PMCID: PMC6388933.

Prieto-Torres L, Rodríguez-Pinilla SM, Onaindia A, Ara M, Requena L, Piris MÁ. CD30-positive primary cutaneous lymphoproliferative disorders: molecular alterations and targeted therapies. *Haematologica*. 2019 Feb;104(2):226-235. doi: 10.3324/haematol.2018.197152. Epub 2019 Jan 10. Review. PubMed PMID: 30630983; PubMed Central PMCID: PMC6355473.

Prieto-Torres L, Eraña I, Gil-Redondo R, Gómez de la Riva I, Manso R, Pajares R, Córdoba R, Machan S, Ara M, Requena L, Piris MÁ, Rodríguez-Pinilla SM. The Spectrum of EBV-Positive Mucocutaneous Ulcer: A Study of 9 Cases. *Am J Surg Pathol*. 2019 Feb;43(2):201-210. doi: 10.1097/PAS.0000000000001186. PubMed PMID: 30418184.

Onaindia A, de Villambrosía SG, Prieto-Torres L, Rodríguez-Pinilla SM, Montes-Moreno S, González-Vela C, Piris MA. DUSP22-rearranged anaplastic lymphomas are characterized by specific morphological features and a lack of cytotoxic and JAK/STAT surrogate markers. *Haematologica*. 2019 Apr;104(4):e158-e162. doi: 10.3324/haematol.2018.205880. Epub 2018 Oct 25. PubMed PMID: 30361415; PubMed Central PMCID: PMC6442961.

Machan S, Córdoba R, Carvajal N, Requena L, Piris MÁ, Facchetti F, Rodríguez-Pinilla SM. Atypical Histiocytic Lesion Preceding a Peripheral T-Cell Lymphoma Involving the Skin Exhibiting the Same Molecular Alterations. *Am J Dermatopathol*. 2019 Feb;41(2):148-154. doi: 10.1097/DAD.0000000000001245. PubMed PMID: 30085957.

Manso R, Martínez-Magunacelaya N, Eraña-Tomás I, Monsalvez V, Rodríguez-Peralto JL, Ortiz-Romero PL, Santonja C, Cristóbal I, Piris MA, Rodríguez-Pinilla SM. Mycosis fungoides progression could be regulated by microRNAs. *PLoS One*. 2018 Jun 12;13(6):e0198477. doi: 10.1371/journal.pone.0198477. eCollection 2018. PubMed PMID: 29894486; PubMed Central PMCID: PMC5997347.

Manso R, González-Rincón J, Rodríguez-Justo M, Roncador G, Gómez S, Sánchez-Beato M, Piris MA, Rodríguez-Pinilla SM. Overlap at the molecular and

immunohistochemical levels between angioimmunoblastic T-cell lymphoma and a subgroup of peripheral T-cell lymphomas without specific morphological features. *Oncotarget*. 2018 Mar 1;9(22):16124-16133. doi: 10.18632/oncotarget.24592. eCollection 2018 Mar 23. PubMed PMID: 29662631; PubMed Central PMCID: PMC5882322.

Manso R, Sánchez-Beato M, González-Rincón J, Gómez S, Rojo F, Mollejo M, García-Cosío M, Menárguez J, Piris MA, Rodríguez-Pinilla SM. Mutations in the JAK/STAT pathway genes and activation of the pathway, a relevant finding in nodal Peripheral T-cell lymphoma. *Br J Haematol*. 2018 Nov;183(3):497-501. doi: 10.1111/bjh.14984. Epub 2017 Oct 26. PubMed PMID: 29076126.

Alegría-Landa V, Manzarbeitia F, Salvatierra Calderón MG, Requena L, Rodríguez-Pinilla SM. Cutaneous intravascular natural killer/T cell lymphoma with peculiar immunophenotype. *Histopathology*. 2017 Dec;71(6):994-1002. doi: 10.1111/his.13332. Epub 2017 Oct 10. Review. PubMed PMID: 28766736.

Manso R, Martínez-Magunacelaya N, Chamizo C, Rojo F, Piris MÁ, Rodríguez-Pinilla SM. Mutual regulation between BCL6 and a specific set of miRNAs controls T(FH) phenotype in peripheral T-cell lymphoma. *Br J Haematol*. 2018 Aug;182(4):587-590. doi: 10.1111/bjh.14824. Epub 2017 Jul 12. PubMed PMID: 28699695.

Alegría-Landa V, Prieto-Torres L, Santonja C, Córdoba R, Manso R, Requena L, Rodríguez-Pinilla SM. MYD88 L265P mutation in cutaneous involvement by Waldenström macroglobulinemia. *J Cutan Pathol*. 2017 Jul;44(7):625-631. doi: 10.1111/cup.12944. Epub 2017 May 5. PubMed PMID: 28370087.

Alegría-Landa V, Rodríguez-Pinilla SM, Santos-Briz A, Rodríguez-Peralto JL, Alegre V, Cerroni L, Kutzner H, Requena L. Clinicopathologic, Immunohistochemical, and Molecular Features of Histiocytoid Sweet Syndrome. *JAMA Dermatol*. 2017 Jul 1;153(7):651-659. doi: 10.1001/jamadermatol.2016.6092. PubMed PMID: 28296991; PubMed Central PMCID: PMC5543327.

Santonja C, Medina-Puente C, Serrano Del Castillo C, Cabello Úbeda A, Rodríguez-Pinilla SM. Primary effusion lymphoma involving cerebrospinal fluid, deep cervical lymph nodes and adenoids. Report of a case supporting the lymphatic connection between brain and lymph nodes. *Neuropathology*. 2017 Jun;37(3):249-258. doi: 10.1111/neup.12353. Epub 2016 Nov 10. PubMed PMID: 27862361.

Gómez-Crespo MJ, García-Raso A, López-Lorenzo JL, Villaescusa T,

Rodríguez-Pinilla M, Fortes J, Serrano C, Machan S, Llamas P, Córdoba R. Uveitis and Myositis as Immune Complications in Chemorefractory NK/T-Cell Nasal-Type Lymphoma Successfully Treated with Allogeneic Stem-Cell Transplant. *Case Rep Hematol.* 2016;2016:7297920. Epub 2016 Oct 11. PubMed PMID: 27807488; PubMed Central PMCID: PMC5078671.

Úbeda Romero A, Santonja C, Blanco García A, Requena L, Rodríguez Pinilla SM. De Novo CD5-Positive Diffuse Large B-Cell Lymphoma: Report of a Case Presenting With Cutaneous Involvement and Featuring Extensive Intravascular Dissemination on Postmortem Examination. *Int J Surg Pathol.* 2016 Dec;24(8):763-768. Epub 2016 Jul 17. PubMed PMID: 27431754.

Montes-Moreno S, Martínez-Magunacelaya N, Zecchini-Barrese T, Villambrosía SG, Linares E, Ranchal T, Rodríguez-Pinilla M, Batlle A, Cereceda-Company L, Revert-Arce JB, Almaraz C, Piris MA. Plasmablastic lymphoma phenotype is determined by genetic alterations in MYC and PRDM1. *Mod Pathol.* 2017 Jan;30(1):85-94. doi: 10.1038/modpathol.2016.162. Epub 2016 Sep 30. PubMed PMID: 27687004.

Suárez AE, Artiga MJ, Santonja C, Montes-Moreno S, De Pablo P, Requena L, Piris MA, Rodríguez-Pinilla SM. Angioimmunoblastic T-cell lymphoma with a clonal plasma cell proliferation that underwent immunoglobulin isotype switch in the skin, coinciding with cutaneous disease progression. *J Cutan Pathol.* 2016 Dec;43(12):1203-1210. doi: 10.1111/cup.12814. Epub 2016 Oct 4. PubMed PMID: 27596815.

Manso R, Bellas C, Martín-Acosta P, Mollejo M, Menárguez J, Rojo F, Llamas P, Piris MA, Rodríguez-Pinilla SM. C-MYC is related to GATA3 expression and associated with poor prognosis in nodal peripheral T-cell lymphomas. *Haematologica.* 2016 Aug;101(8):e336-8. doi: 10.3324/haematol.2016.143768. Epub 2016 May 5. PubMed PMID: 27151990; PubMed Central PMCID: PMC4967584.

Manso R, Roncador G, Montes-Moreno S, Rojo F, Pérez-Sáenz MÁ, Mollejo M, Menárguez J, Carvajal N, García-Cosío M, Llamas P, Piris MA, Rodríguez-Pinilla SM. p-MAPK1 expression associated with poor prognosis in angioimmunoblastic T-cell lymphoma patients. *Br J Haematol.* 2017 Feb;176(4):661-664. doi: 10.1111/bjh.13972. Epub 2016 Feb 25. PubMed PMID: 26915336.

Monsalvo S, Serrano C, Prieto E, Fernández-Sanz G, Puente MC, Rodríguez-Pinilla M, García Raso A, Llamas P, Córdoba R. Unilateral uveitis masquerade syndrome caused by diffuse large B-cell lymphoma diagnosed using

multiparametric flow cytometry of the aqueous humor. *Cytometry B Clin Cytom.* 2017Jul;92(4):286-290. doi: 10.1002/cyto.b.21361. Epub 2016 Mar 21. PubMed PMID: 26860883.

Onaindia A, Martínez N, Montes-Moreno S, Almaraz C, Rodríguez-Pinilla SM, Cereceda L, Revert JB, Ortega C, Tardio A, González L, García S, Camacho FI, González-Vela C, Piris MA. CD30 Expression by B and T Cells: A Frequent Finding in Angioimmunoblastic T-Cell Lymphoma and Peripheral T-Cell Lymphoma-Not Otherwise Specified. *Am J Surg Pathol.* 2016 Mar;40(3):378-85. doi: 10.1097/PAS.0000000000000571. PubMed PMID: 26574847.

Santonja C, Soto C, Manso R, Requena L, Piris MA, Rodríguez-Pinilla SM. Primary cutaneous follicular helper T-cell lymphoma. *J Cutan Pathol.* 2016 Feb;43(2):164-70. doi: 10.1111/cup.12614. Epub 2015 Sep 18. PubMed PMID:26282465.

Roncero AM, López-Nieva P, Cobos-Fernández MA, Villa-Morales M, González-Sánchez L, López-Lorenzo JL, Llamas P, Ayuso C, Rodríguez-Pinilla SM, Arriba MC, Piris MA, Fernández-Navarro P, Fernández AF, Fraga MF, Santos J, Fernández-Piqueras J. Contribution of JAK2 mutations to T-cell lymphoblastic lymphoma development. *Leukemia.* 2016 Jan;30(1):94-103. doi: 10.1038/leu.2015.202. Epub 2015 Jul 28. PubMed PMID: 26216197; PubMed Central PMCID: PMC4705429.

Calvete O, Reyes J, Zuñiga S, Paumard-Hernández B, Fernández V, Bujanda L, Rodríguez-Pinilla MS, Palacios J, Heine-Suñer D, Banka S, Newman WG, Cañamero M, Pritchard DM, Benítez J. Exome sequencing identifies ATP4A gene as responsible of an atypical familial type I gastric neuroendocrine tumour. *Hum Mol Genet.* 2015 May 15;24(10):2914-22. doi: 10.1093/hmg/ddv054. Epub 2015 Feb 11. PubMed PMID: 25678551.

Machan S, Medina C, Rodríguez-Pinilla SM, Suárez-Peñaranda JM, Castro Y, Molés P, Requena C, Saus C, Requena L, Santonja C. Primary cutaneous marginal IgG4 lymphoma and Rosai-Dorfman's disease coexisting in several lesions of the same patient. *Am J Dermatopathol.* 2015 May;37(5):413-8. doi: 10.1097/DAD.0000000000000249. Review. PubMed PMID: 25590288.

Onaindia A, Gómez S, Piris-Villaespesa M, Martínez-Laperche C, Cereceda L, Montes-Moreno S, Batlle A, de Villambrosia SG, Pollán M, Martín-Acosta P, González-Rincón J, Menarguez J, Alvéz J, Rodríguez-Pinilla SM, García JF, Mollejo M, Fraga M, García-Marco JA, Piris MA, Sánchez-Beato M. Chronic lymphocytic leukemia cells in lymph nodes show frequent NOTCH1 activation. *Haematologica.*

2015 May;100(5):e200-3. doi: 10.3324/haematol.2014.117705. Epub 2014 Dec 31. PubMed PMID: 25552700; PubMed Central PMCID: PMC4420232.

Martín-Sánchez E, Odqvist L, Rodríguez-Pinilla SM, Sánchez-Beato M, Roncador G, Domínguez-González B, Blanco-Aparicio C, García Collazo AM, Cantalapiedra EG, Fernández JP, Curiel del Olmo S, Pisonero H, Madureira R, Almaraz C, Mollejo M, Alves FJ, Menárguez J, González-Palacios F, Rodríguez-Peralto JL, Ortiz-Romero PL, Real FX, García JF, Bischoff JR, Piris MA. PIM kinases as potential therapeutic targets in a subset of peripheral T cell lymphoma cases. PLoS One. 2014 Nov 11;9(11):e112148. doi: 10.1371/journal.pone.0112148. eCollection 2014. PubMed PMID: 25386922; PubMed Central PMCID: PMC4227704.

Manso R, Rodríguez-Pinilla SM, González-Rincón J, Gómez S, Monsalvo S, Llamas P, Rojo F, Pérez-Callejo D, Cereceda L, Limeres MA, Maeso C, Ferrando L, Pérez-Seoane C, Rodríguez G, Arrinda JM, García-Bragado F, Franco R, Rodríguez-Peralto JL, González-Carreró J, Martín-Dávila F, Piris MA, Sánchez-Beato M. Recurrent presence of the PLCG1 S345F mutation in nodal peripheral T-cell lymphomas. Haematologica. 2015 Jan;100(1):e25-7. doi: 10.3324/haematol.2014.113696. Epub 2014 Oct 10. PubMed PMID: 25304611; PubMed Central PMCID: PMC4281331.

Onaindia A, Montes-Moreno S, Rodríguez-Pinilla SM, Batlle A, González de Villambrosía S, Rodríguez AM, Alegre V, Bermúdez GM, González-Vela C, Piris MA. Primary cutaneous anaplastic large cell lymphomas with 6p25.3 rearrangement exhibit particular histological features. Histopathology. 2015 May;66(6):846-55. doi: 10.1111/his.12529. Epub 2015 Feb 4. PubMed PMID: 25131361.

Tanic M, Yanowski K, Gómez-López G, Rodríguez-Pinilla MS, Marquez-Rodas I, Osorio A, Pisano DG, Martínez-Delgado B, Benítez J. MicroRNA expression signatures for the prediction of BRCA1/2 mutation-associated hereditary breast cancer in paraffin-embedded formalin-fixed breast tumors. Int J Cancer. 2015 Feb 1;136(3):593-602. doi: 10.1002/ijc.29021. Epub 2014 Jun 19. PubMed PMID: 24917463.

Pielasinski U, Santonja C, Rodríguez-Pinilla SM, Requena L. Extracavitary primary effusion lymphoma presenting as a cutaneous tumor: a case report and literature review. J Cutan Pathol. 2014 Sep;41(9):745-53. doi: 10.1111/cup.12368. Epub 2014 Jul 28. PubMed PMID: 24917369.

Manso R, Sánchez-Beato M, Monsalvo S, Gómez S, Cereceda L, Llamas P, Rojo F, Mollejo M, Menárguez J, Alves J, García-Cosío M, Piris MA, Rodríguez-Pinilla SM.

The RHOA G17V gene mutation occurs frequently in peripheral T-cell lymphoma and is associated with a characteristic molecular signature. *Blood*. 2014 May 1;123(18):2893-4. doi: 10.1182/blood-2014-02-555946. PubMed PMID: 24786457.

Manso R, Rodríguez-Pinilla SM, Lombardia L, Ruiz de Garibay G, Del Mar López M, Requena L, Sánchez L, Sánchez-Beato M, Piris MÁ. An A91V SNP in the perforin gene is frequently found in NK/T-cell lymphomas. *PLoS One*. 2014 Mar 14;9(3):e91521. doi: 10.1371/journal.pone.0091521. eCollection 2014. PubMed PMID:24632576; PubMed Central PMCID: PMC3954696.

Vaqué JP, Gómez-López G, Monsálvez V, Varela I, Martínez N, Pérez C, Domínguez O, Graña O, Rodríguez-Peralto JL, Rodríguez-Pinilla SM, González-Vela C, Rubio-Camarillo M, Martín-Sánchez E, Pisano DG, Papadavid E, Papadaki T, Requena L, García-Marco JA, Méndez M, Provencio M, Hospital M, Suárez-Massa D, Postigo C, San Segundo D, López-Hoyos M, Ortiz-Romero PL, Piris MA, Sánchez-Beato M. PLCG1 mutations in cutaneous T-cell lymphomas. *Blood*. 2014 Mar 27;123(13):2034-43. doi: 10.1182/blood-2013-05-504308. Epub 2014 Feb 4. PubMed PMID: 24497536.

Tanic M, Andrés E, Rodríguez-Pinilla SM, Marquez-Rodas I, Cebollero-Presmanes M, Fernandez V, Osorio A, Benítez J, Martinez-Delgado B. MicroRNA-based molecular classification of non-BRCA1/2 hereditary breast tumours. *Br J Cancer*. 2013 Nov 12;109(10):2724-34. doi: 10.1038/bjc.2013.612. Epub 2013 Oct 8. PubMed PMID: 24104964; PubMed Central PMCID: PMC3833208.

Martinez-Delgado B, Gallardo M, Tanic M, Yanowsky K, Inglada-Perez L, Barroso A, Rodríguez-Pinilla M, Cañamero M, Blasco MA, Benitez J. Short telomeres are frequent in hereditary breast tumors and are associated with high tumor grade. *Breast Cancer Res Treat*. 2013 Sep;141(2):231-42. doi: 10.1007/s10549-013-2696-6. Epub 2013 Sep 15. PubMed PMID: 24036693.

Boi M, Rinaldi A, Kwee I, Bonetti P, Todaro M, Tabbò F, Piva R, Rancoita PM, Matolcsy A, Timar B, Tousseyn T, Rodríguez-Pinilla SM, Piris MA, Beà S, Campo E, Bhagat G, Swerdlow SH, Rosenwald A, Ponzoni M, Young KH, Piccaluga PP, Dummer R, Pileri S, Zucca E, Inghirami G, Bertoni F. PRDM1/BLIMP1 is commonly inactivated in anaplastic large T-cell lymphoma. *Blood*. 2013 Oct 10;122(15):2683-93. doi: 10.1182/blood-2013-04-497933. Epub 2013 Sep 4. PubMed PMID: 24004669.

Mollejo M, Menárguez J, Guisado-Vasco P, Bento L, Algara P, Montes-Moreno S, Rodríguez-Pinilla MS, Cruz MA, Casado F, Montalbán C, Piris MA. Hepatitis C virus-related lymphoproliferative disorders encompass a broader clinical and morphological spectrum than previously recognized: a clinicopathological study.

Mod Pathol. 2014 Feb;27(2):281-93. doi: 10.1038/modpathol.2013.120. Epub 2013 Aug 9. PubMed PMID: 23929267.

Balbás-Martínez C, Rodríguez-Pinilla M, Casanova A, Domínguez O, Pisano DG, Gómez G, Lloreta J, Lorente JA, Malats N, Real FX. ARID1A alterations are associated with FGFR3-wild type, poor-prognosis, urothelial bladder tumors. PLoS One. 2013 May 1;8(5):e62483. doi: 10.1371/journal.pone.0062483. Print 2013.

Erratum in: PLoS One. 2014;9(1).

doi:10.1371/annotation/6e83489b-e1ff-4523-9b31-08c90fa39030. PubMed PMID: 23650517; PubMed Central PMCID: PMC3641081.

Rodríguez-Pinilla SM, Sánchez ME, Rodríguez J, García JF, Sánchez-Espiridión B, Lamana LF, Sosa G, Rivero JC, Menárguez J, Gómez IB, Camacho FI, Guillen PR, Orduña CP, Rodríguez G, Barrionuevo C, Franco R, Mollejo M, Marco JF, de Otazu RD, Piris MA. Loss of TCR-beta F1 and/or EZRIN expression is associated with unfavorable prognosis in nodal peripheral T-cell lymphomas. Blood Cancer J. 2013 Apr 19;3:e111. doi: 10.1038/bcj.2013.10. PubMed PMID: 23599023; PubMed Central PMCID: PMC3641318.

Odqvist L, Sánchez-Beato M, Montes-Moreno S, Martín-Sánchez E, Pajares R, Sánchez-Verde L, Ortiz-Romero PL, Rodríguez J, Rodríguez-Pinilla SM, Iniesta-Martínez F, Solera-Arroyo JC, Ramos-Asensio R, Flores T, Palanca JM, Bragado FG, Franjo PD, Piris MA. NIK controls classical and alternative NF- κ B activation and is necessary for the survival of human T-cell lymphoma cells. Clin Cancer Res. 2013 May 1;19(9):2319-30. doi: 10.1158/1078-0432.CCR-12-3151. Epub 2013 Mar 27. PubMed PMID: 23536439.

Rodríguez-Pinilla SM, Ortiz-Romero PL, Monsalvez V, Tomás IE, Almagro M, Sevilla A, Camacho G, Longo MI, Pulpillo Á, Díaz-Pérez JA, Montes-Moreno S, Castro Y, Echevarría B, Trébol I, Gonzalez C, Sánchez L, Otín AP, Requena L, Rodríguez-Peralto JL, Cerroni L, Piris MÁ. TCR- γ expression in primary cutaneous T-cell lymphomas. Am J Surg Pathol. 2013 Mar;37(3):375-84. doi: 10.1097/PAS.0b013e318275d1a2. PubMed PMID: 23348211.

González-Gugel E, Villa-Morales M, Santos J, Bueno MJ, Malumbres M, Rodríguez-Pinilla SM, Piris MÁ, Fernández-Piqueras J. Down-regulation of specific miRNAs enhances the expression of the gene Smoothed and contributes to T-cell lymphoblastic lymphoma development. Carcinogenesis. 2013 Apr;34(4):902-8. doi: 10.1093/carcin/bgs404. Epub 2013 Jan 3. PubMed PMID: 23288923.

Montes-Moreno S, Ramos-Medina R, Martínez-López A, Barrionuevo Cornejo C, Parra Cubillos A, Quintana-Truyenque S, Rodríguez Pinilla SM, Pajares R, Sánchez-Verde L, Martínez-Torrecedradora J, Roncador G, Piris MA. SPIB, a novel

immunohistochemical marker for human blastic plasmacytoid dendritic cell neoplasms: characterization of its expression in major hematolymphoid neoplasms. *Blood*. 2013 Jan 24;121(4):643-7. doi: 10.1182/blood-2012-08-447599. Epub 2012 Nov 19. PubMed PMID: 23165482.

Ramos-Medina R, Montes-Moreno S, Maestre L, Cañamero M, Rodríguez-Pinilla M, Martínez-Torrecedrada J, Piris MÁ, Majid A, Dyer MJ, Pulford K, Roncador G. BCL7A protein expression in normal and malignant lymphoid tissues. *Br J Haematol*. 2013 Jan;160(1):106-9. doi: 10.1111/bjh.12080. Epub 2012 Oct 9. PubMed PMID: 23043359.

Martín-Sánchez E, Rodríguez-Pinilla SM, Sánchez-Beato M, Lombardía L, Domínguez-González B, Romero D, Odqvist L, García-Sanz P, Wozniak MB, Kurz G, Blanco-Aparicio C, Mollejo M, Alves FJ, Menárguez J, González-Palacios F, Rodríguez-Peralto JL, Ortiz-Romero PL, García JF, Bischoff JR, Piris MA. Simultaneous inhibition of pan-phosphatidylinositol-3-kinases and MEK as a potential therapeutic strategy in peripheral T-cell lymphomas. *Haematologica*. 2013 Jan;98(1):57-64. doi: 10.3324/haematol.2012.068510. Epub 2012 Jul 16. PubMed PMID: 22801959; PubMed Central PMCID: PMC3533660.

Ellyard JJ, Chia T, Rodríguez-Pinilla SM, Martin JL, Hu X, Navarro-Gonzalez M, Garcia JF, Delfau-Larue MH, Montes-Moreno S, Gaulard P, Cook MC, Walters G, Piris MA, Vinuesa CG. Heterozygosity for Roquinsan leads to angioimmunoblastic T-cell lymphoma-like tumors in mice. *Blood*. 2012 Jul 26;120(4):812-21. doi: 10.1182/blood-2011-07-365130. Epub 2012 Jun 13. PubMed PMID: 22700722.

Sánchez-Rovira P, Antón A, Barnadas A, Velasco A, Lomas M, Rodríguez-Pinilla M, Ramírez JL, Ramírez C, Ríos MJ, Castellá E, García-Andrade C, San Antonio B, Carrasco E, Palacios JL. Classical markers like ER and ki-67, but also survivin and pERK, could be involved in the pathological response to gemcitabine, adriamycin and paclitaxel (GAT) in locally advanced breast cancer patients: results from the GEICAM/2002-01 phase II study. *Clin Transl Oncol*. 2012 Jun;14(6):430-6. doi: 10.1007/s12094-012-0820-4. PubMed PMID: 22634531.

Rodríguez-Pinilla SM, Barrionuevo C, García J, de los Ángeles M, Pajares R, Casavilca S, Montes J, Martínez A, Montes-Moreno S, Sánchez L, Piris MÁ. Epstein-Barr virus-positive systemic NK/T-cell lymphomas in children: report of six cases. *Histopathology*. 2011 Dec;59(6):1183-93. doi: 10.1111/j.1365-2559.2011.04047.x. Erratum in: *Histopathology*. 2012 Apr;60(5):849. PubMed PMID: 22175898.

Arribas AJ, Campos-Martín Y, Gómez-Abad C, Algara P, Sánchez-Beato M,

Rodríguez-Pinilla MS, Montes-Moreno S, Martínez N, Alves-Ferreira J, Piris MA, Mollejo M. Nodal marginal zone lymphoma: gene expression and miRNA profiling identify diagnostic markers and potential therapeutic targets. *Blood*. 2012 Jan 19;119(3):e9-e21. doi: 10.1182/blood-2011-02-339556. Epub 2011 Nov 22. PubMed PMID: 22110251.

Martín-Pérez D, Vargiu P, Montes-Moreno S, León EA, Rodríguez-Pinilla SM, Lisio LD, Martínez N, Rodríguez R, Mollejo M, Castellvi J, Pisano DG, Sánchez-Beato M, Piris MA. Epstein-Barr virus microRNAs repress BCL6 expression in diffuse large B-cell lymphoma. *Leukemia*. 2012 Jan;26(1):180-3. doi: 10.1038/leu.2011.189. Epub 2011 Jul 26. PubMed PMID: 21788950.

Rodríguez-Pinilla SM, Barrionuevo C, Garcia J, Martínez MT, Pajares R, Montes-Moreno S, Casavilca S, Montes J, Bravo F, Zaharia M, Zevallos-Giampietri E, Sanchez L, Piris MA. EBV-associated cutaneous NK/T-cell lymphoma: review of a series of 14 cases from peru in children and young adults. *Am J Surg Pathol*. 2010 Dec;34(12):1773-82. doi: 10.1097/PAS.0b013e3181fbb4fd. PubMed PMID: 21107082.

Ramos-Medina R, Montes-Moreno S, Maestre L, Cañamero M, Rodríguez-Pinilla M, Lázaro A, Roncador G. Immunohistochemical analysis of HLDA9 Workshop antibodies against cell-surface molecules in reactive and neoplastic lymphoid tissues. *Immunol Lett*. 2011 Jan 30;134(2):150-6. doi: 10.1016/j.imlet.2010.10.007. Epub 2010 Oct 12. PubMed PMID: 20946916.

Sánchez-Schmidt JM, Salgado R, Servitje O, Gallardo F, Ortiz-Romero PL, Karpova MB, Zipser MC, García-Muret MP, Estrach T, Rodríguez-Pinilla SM, Climent F, Suela J, Ferreira BI, Cigudosa JC, Salido M, Barranco C, Serrano S, Dummer R, Solé F, Pujol RM, Espinet B. Primary cutaneous CD30+ anaplastic large-cell lymphomas show a heterogeneous genomic profile: an oligonucleotide arrayCGH approach. *J Invest Dermatol*. 2011 Jan;131(1):269-71. doi: 10.1038/jid.2010.271. Epub 2010 Sep 16. PubMed PMID: 20844552.

Montes-Moreno S, Castro Y, Rodríguez-Pinilla SM, García JF, Mollejo M, Castillo ME, Bas-Vernal A, Barrionuevo-Cornejo C, Sanchez-Verde L, Menarguez J, Cigudosa JC, Piris MA. Intrafollicular neoplasia/in situ follicular lymphoma: review of a series of 13 cases. *Histopathology*. 2010 Apr;56(5):658-62. doi: 10.1111/j.1365-2559.2010.03529.x. PubMed PMID: 20459579.

Montes-Moreno S, Gonzalez-Medina AR, Rodríguez-Pinilla SM, Maestre L, Sanchez-Verde L, Roncador G, Mollejo M, García JF, Menarguez J, Montalbán C, Ruiz-Marcellan MC, Conde E, Piris MA. Aggressive large B-cell lymphoma with plasma cell differentiation: immunohistochemical characterization of

plasmablastic lymphoma and diffuse large B-cell lymphoma with partial plasmablastic phenotype. *Haematologica*. 2010 Aug;95(8):1342-9. doi: 10.3324/haematol.2009.016113. Epub 2010 Apr 23. PubMed PMID: 20418245; PubMed Central PMCID: PMC2913083.

Kanellis G, Mollejo M, Montes-Moreno S, Rodriguez-Pinilla SM, Cigudosa JC, Algara P, Montalban C, Matutes E, Wotherspoon A, Piris MA. Splenic diffuse red pulp small B-cell lymphoma: revision of a series of cases reveals characteristic clinico-pathological features. *Haematologica*. 2010 Jul;95(7):1122-9. doi: 10.3324/haematol.2009.013714. Epub 2010 Mar 10. PubMed PMID: 20220064; PubMed Central PMCID: PMC2895036.

Marafioti T, Paterson JC, Ballabio E, Chott A, Natkunam Y, Rodriguez-Justo M, Plonquet A, Rodriguez-Pinilla SM, Klapper W, Hansmann ML, Pileri SA, Isaacson PG, Stein H, Piris MA, Mason DY, Gaulard P. The inducible T-cell co-stimulator molecule is expressed on subsets of T cells and is a new marker of lymphomas of T follicular helper cell-derivation. *Haematologica*. 2010 Mar;95(3):432-9. doi: 10.3324/haematol.2009.010991. PubMed PMID: 20207847; PubMed Central PMCID: PMC2833073.

Herreros B, Rodríguez-Pinilla SM, Pajares R, Martínez-González MA, Ramos R, Munoz I, Montes-Moreno S, Lozano M, Sánchez-Verde L, Roncador G, Sánchez-Beato M, de Otazu RD, Pérez-Guillermo M, Mestre MJ, Bellas C, Piris MA. Proliferation centers in chronic lymphocytic leukemia: the niche where NF-kappaB activation takes place. *Leukemia*. 2010 Apr;24(4):872-6. doi: 10.1038/leu.2009.285. Epub 2010 Jan 14. PubMed PMID: 20072150.

Melchor L, Saucedo-Cuevas LP, Muñoz-Repeto I, Rodríguez-Pinilla SM, Honrado E, Campoverde A, Palacios J, Nathanson KL, García MJ, Benítez J. Comprehensive characterization of the DNA amplification at 13q34 in human breast cancer reveals TFDP1 and CUL4A as likely candidate target genes. *Breast Cancer Res*. 2009;11(6):R86. doi: 10.1186/bcr2456. Epub 2009 Dec 8. PubMed PMID: 19995430; PubMed Central PMCID: PMC2815550.

Moral M, Segrelles C, Martínez-Cruz AB, Lorz C, Santos M, García-Escudero R, Lu J, Buitrago A, Costa C, Saiz C, Ariza JM, Dueñas M, Rodriguez-Peralto JL, Martinez-Tello FJ, Rodriguez-Pinilla M, Sanchez-Céspedes M, Digiovanni J, Paramio JM. Transgenic mice expressing constitutively active Akt in oral epithelium validate KLFA as a potential biomarker of head and neck squamous cell carcinoma. *In Vivo*. 2009 Sep-Oct;23(5):653-60. PubMed PMID: 19779097; PubMed Central PMCID: PMC2909848.

Natrajan R, Weigelt B, Mackay A, Geyer FC, Grigoriadis A, Tan DS, Jones C, Lord CJ, Vatcheva R, Rodriguez-Pinilla SM, Palacios J, Ashworth A, Reis-Filho JS. An integrative genomic and transcriptomic analysis reveals molecular pathways and networks regulated by copy number aberrations in basal-like, HER2 and luminal cancers. *Breast Cancer Res Treat*. 2010 Jun;121(3):575-89. doi: 10.1007/s10549-009-0501-3. Epub 2009 Aug 18. PubMed PMID: 19688261.

Garrido-Ruiz MC, Rodriguez-Pinilla SM, Pérez-Gómez B, Rodriguez-Peralto JL. WT 1 expression in nevi and melanomas: a marker of melanocytic invasion into the dermis. *J Cutan Pathol*. 2010 May;37(5):542-8. doi: 10.1111/j.1600-0560.2009.01379.x. Epub 2009 Jul 22. PubMed PMID: 19638168.

Ortiz-Muchotrigo N, Rodríguez-Pinilla SM, Ramos R, Montes-Moreno S, González-López MA, Armesto-Pérez A, Roncador G, Piris MA. Follicular T-cell lymphoma: description of a case with characteristic findings suggesting it is a different condition from AITL. *Histopathology*. 2009 Jun;54(7):902-4. doi: 10.1111/j.1365-2559.2009.03305.x. PubMed PMID: 19469908.

Natrajan R, Lambros MB, Rodríguez-Pinilla SM, Moreno-Bueno G, Tan DS, Marchió C, Vatcheva R, Rayter S, Mahler-Araujo B, Fulford LG, Hungermann D, Mackay A, Grigoriadis A, Fenwick K, Tamber N, Hardisson D, Tutt A, Palacios J, Lord CJ, Buerger H, Ashworth A, Reis-Filho JS. Tiling path genomic profiling of grade 3 invasive ductal breast cancers. *Clin Cancer Res*. 2009 Apr 15;15(8):2711-22. doi: 10.1158/1078-0432.CCR-08-1878. Epub 2009 Mar 24. PubMed PMID: 19318498.

Mollejo M, Rodríguez-Pinilla MS, Montes-Moreno S, Algara P, Dogan A, Cigudosa JC, Juarez R, Flores T, Forteza J, Arribas A, Piris MA. Splenic follicular lymphoma: clinicopathologic characteristics of a series of 32 cases. *Am J Surg Pathol*. 2009 May;33(5):730-8. doi: 10.1097/PAS.0b013e318193fcef. PubMed PMID: 19194277.

Moral M, Segrelles C, Lara MF, Martínez-Cruz AB, Lorz C, Santos M, García-Escudero R, Lu J, Kiguchi K, Buitrago A, Costa C, Saiz C, Rodriguez-Peralto JL, Martinez-Tello FJ, Rodriguez-Pinilla M, Sanchez-Cespedes M, Garín M, Grande T, Bravo A, DiGiovanni J, Paramio JM. Akt activation synergizes with Trp53 loss in oral epithelium to produce a novel mouse model for head and neck squamous cell carcinoma. *Cancer Res*. 2009 Feb 1;69(3):1099-108. doi: 10.1158/0008-5472.CAN-08-3240. Epub 2009 Jan 27. PubMed PMID: 19176372; PubMed Central PMCID: PMC2914485.

Natrajan R, Lambros MB, Geyer FC, Marchio C, Tan DS, Vatcheva R, Shiu KK, Hungermann D, Rodriguez-Pinilla SM, Palacios J, Ashworth A, Buerger H, Reis-Filho

JS. Loss of 16q in high grade breast cancer is associated with estrogen receptor status: Evidence for progression in tumors with a luminal phenotype? *Genes Chromosomes Cancer*. 2009 Apr;48(4):351-65. doi: 10.1002/gcc.20646. PubMed PMID:19156836.

Rodríguez Pinilla SM, Roncador G, Rodríguez-Peralto JL, Mollejo M, García JF, Montes-Moreno S, Camacho FI, Ortiz P, Limeres-González MA, Torres A, Campo E, Navarro-Conde P, Piris MA. Primary cutaneous CD4+ small/medium-sized pleomorphic T-cell lymphoma expresses follicular T-cell markers. *Am J Surg Pathol*. 2009 Jan;33(1):81-90. doi: 10.1097/PAS.0b013e31818e52fe. PubMed PMID: 18987541.

Aggarwal M, Villuendas R, Gomez G, Rodríguez-Pinilla SM, Sanchez-Beato M, Alvarez D, Martinez N, Rodriguez A, Castillo ME, Camacho FI, Montes-Moreno S, Garcia-Marco JA, Kimby E, Pisano DG, Piris MA. TCL1A expression delineates biological and clinical variability in B-cell lymphoma. *Mod Pathol*. 2009 Feb;22(2):206-15. doi: 10.1038/modpathol.2008.148. Epub 2008 Sep 26. PubMed PMID:18820675.

Marchiò C, Natrajan R, Shiu KK, Lambros MB, Rodríguez-Pinilla SM, Tan DS, Lord CJ, Hungermann D, Fenwick K, Tamber N, Mackay A, Palacios J, Sapino A, Buerger H, Ashworth A, Reis-Filho JS. The genomic profile of HER2-amplified breast cancers: the influence of ER status. *J Pathol*. 2008 Dec;216(4):399-407. doi: 10.1002/path.2423. PubMed PMID: 18810758.

Rodríguez-Pinilla SM, Atienza L, Murillo C, Pérez-Rodríguez A, Montes-Moreno S, Roncador G, Pérez-Seoane C, Domínguez P, Camacho FI, Piris MA. Peripheral T-cell lymphoma with follicular T-cell markers. *Am J Surg Pathol*. 2008 Dec;32(12):1787-99. doi: 10.1097/PAS.0b013e3181817f123e. PubMed PMID: 18779728.

Arriola E, Marchio C, Tan DS, Drury SC, Lambros MB, Natrajan R, Rodríguez-Pinilla SM, Mackay A, Tamber N, Fenwick K, Jones C, Dowsett M, Ashworth A, Reis-Filho JS. Genomic analysis of the HER2/TOP2A amplicon in breast cancer and breast cancer cell lines. *Lab Invest*. 2008 May;88(5):491-503. doi: 10.1038/labinvest.2008.19. Epub 2008 Mar 10. PubMed PMID: 18332872.

Sarrió D, Rodríguez-Pinilla SM, Hardisson D, Cano A, Moreno-Bueno G, Palacios J. Epithelial-mesenchymal transition in breast cancer relates to the basal-like phenotype. *Cancer Res*. 2008 Feb 15;68(4):989-97. doi: 10.1158/0008-5472.CAN-07-2017. PubMed PMID: 18281472.

Rodríguez-Pinilla SM, Rodríguez-Gil Y, Moreno-Bueno G, Sarrió D, Martín-Guijarro Mdel C, Hernandez L, Palacios J. Sporadic invasive breast carcinomas with medullary features display a basal-like phenotype: an immunohistochemical and gene amplification study. *Am J Surg Pathol*. 2007 Apr;31(4):501-8. PubMed PMID: 17414096.

Rodriguez-Pinilla SM, Sarrio D, Moreno-Bueno G, Rodriguez-Gil Y, Martinez MA, Hernandez L, Hardisson D, Reis-Filho JS, Palacios J. Sox2: a possible driver of the basal-like phenotype in sporadic breast cancer. *Mod Pathol*. 2007 Apr;20(4):474-81. Epub 2007 Mar 2. PubMed PMID: 17334350.

Moreno-Bueno G, Fernandez-Marcos PJ, Collado M, Tendero MJ, Rodriguez-Pinilla SM, Garcia-Cao I, Hardisson D, Diaz-Meco MT, Moscat J, Serrano M, Palacios J. Inactivation of the candidate tumor suppressor par-4 in endometrial cancer. *Cancer Res*. 2007 Mar 1;67(5):1927-34. PubMed PMID: 17332319.

Arriola E, Rodriguez-Pinilla SM, Lambros MB, Jones RL, James M, Savage K, Smith IE, Dowsett M, Reis-Filho JS. Topoisomerase II alpha amplification may predict benefit from adjuvant anthracyclines in HER2 positive early breast cancer. *Breast Cancer Res Treat*. 2007 Dec;106(2):181-9. Epub 2007 Jan 27. PubMed PMID: 17260090.

Rodriguez-Pinilla SM, Jones RL, Lambros MB, Arriola E, Savage K, James M, Pinder SE, Reis-Filho JS. MYC amplification in breast cancer: a chromogenic in situ hybridisation study. *J Clin Pathol*. 2007 Sep;60(9):1017-23. Epub 2006 Dec 8. PubMed PMID: 17158641; PubMed Central PMCID: PMC1972423.

Rodríguez-Pinilla SM, Sarrió D, Honrado E, Moreno-Bueno G, Hardisson D, Calero F, Benítez J, Palacios J. Vimentin and laminin expression is associated with basal-like phenotype in both sporadic and BRCA1-associated breast carcinomas. *J Clin Pathol*. 2007 Sep;60(9):1006-12. Epub 2006 Nov 14. PubMed PMID: 17105822; PubMed Central PMCID: PMC1972443.

Hernández-Vargas H, Rodríguez-Pinilla SM, Julián-Tendero M, Sánchez-Rovira P, Cuevas C, Antón A, Ríos MJ, Palacios J, Moreno-Bueno G. Gene expression profiling of breast cancer cells in response to gemcitabine: NF-kappaB pathway activation as a potential mechanism of resistance. *Breast Cancer Res Treat*. 2007 Apr;102(2):157-72. Epub 2006 Oct 13. PubMed PMID: 17039268.

Moreno-Bueno G, Cubillo E, Sarrió D, Peinado H, Rodríguez-Pinilla SM, Villa S, Bolós V, Jordá M, Fabra A, Portillo F, Palacios J, Cano A. Genetic profiling of epithelial cells expressing E-cadherin repressors reveals a distinct role for Snail, Slug, and E47 factors in epithelial-mesenchymal transition. *Cancer Res*. 2006 Oct 1;66(19):9543-56. PubMed PMID: 17018611.

Santos CR, Rodríguez-Pinilla M, Vega FM, Rodríguez-Peralto JL, Blanco S, Sevilla A, Valbuena A, Hernández T, van Wijnen AJ, Li F, de Alava E, Sánchez-Céspedes M, Lazo PA. VRK1 signaling pathway in the context of the proliferation phenotype in head and neck squamous cell carcinoma. *Mol Cancer Res*. 2006 Mar;4(3):177-85. PubMed PMID: 16547155.

Sarrió D, Rodríguez-Pinilla SM, Dotor A, Calero F, Hardisson D, Palacios J. Abnormal ezrin localization is associated with clinicopathological features in invasive breast carcinomas. *Breast Cancer Res Treat.* 2006 Jul;98(1):71-9. Epub 2006 Mar 15. PubMed PMID: 16538541.

Rodríguez-Pinilla SM, Sarrió D, Honrado E, Hardisson D, Calero F, Benitez J, Palacios J. Prognostic significance of basal-like phenotype and fascin expression in node-negative invasive breast carcinomas. *Clin Cancer Res.* 2006 Mar 1;12(5):1533-9. PubMed PMID: 16533778.

Rodríguez-Pinilla M, Rodriguez-Peralto JL, Hitt R, Sanchez JJ, Sanchez-Verde L, Alameda F, Ballestin C, Sanchez-Cespedes M. beta-Catenin, Nf-kappaB and FAS protein expression are independent events in head and neck cancer: study of their association with clinical parameters. *Cancer Lett.* 2005 Dec 8;230(1):141-8. PubMed PMID: 16253770.

Rodríguez-Pinilla M, Rodriguez-Peralto JL, Hitt R, Sanchez JJ, Ballestin C, Díez A, Sanchez-Verde L, Alameda F, Sanchez-Cespedes M. Cyclin A as a predictive factor for chemotherapy response in advanced head and neck cancer. *Clin Cancer Res.* 2004 Dec 15;10(24):8486-92. PubMed PMID: 15623629.

Hitt R, Jimeno A, Rodríguez-Pinilla M, Rodríguez-Peralto JL, Millán JM, López-Martín A, Brandariz A, Peña C, Cortés-Funes H. Phase II trial of cisplatin and capecitabine in patients with squamous cell carcinoma of the head and neck, and correlative study of angiogenic factors. *Br J Cancer.* 2004 Dec 13;91(12):2005-11. PubMed PMID: 15597103; PubMed Central PMCID: PMC2409797.

Sáez AI, Sáez AJ, Artiga MJ, Pérez-Rosado A, Camacho FI, Díez A, García JF, Fraga M, Bosch R, Rodríguez-Pinilla SM, Mollejo M, Romero C, Sánchez-Verde L, Pollán M, Piris MA. Building an outcome predictor model for diffuse large B-cell lymphoma. *Am J Pathol.* 2004 Feb;164(2):613-22. PubMed PMID: 14742266; PubMed Central PMCID: PMC1602255.

Rodríguez-Pinilla SM, Rodríguez-Peralto JL, Fernández-Figueras MT. Transitional cell papilloma of the penis associated with human papilloma virus infection. Report of two cases. *Virchows Arch.* 2003 Jun;442(6):601-4. Epub 2003 May 1. PubMed PMID: 12728314.

Rodríguez-Pinilla SM, Gonzalez MA, Sanchez PM. Pathologic quiz case: systemic lymphadenopathy in a patient with chronic myelogenous leukemia. *Arch Pathol Lab Med.* 2003 May;127(5):e249-50. PubMed PMID: 12708924.

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- CENTRO NACIONAL DE INVESTIGACIONES ONCOLÓGICAS. INVESTIGADOR PREDOCTORAL VOLUNTARIO. 2002-2003.
- EUROPEAN BOARD OF PATHOLOGY. AMSTERDAM, HOLLAND, OCTUBRE-2002.
- CERTIFICATE OF ANIMAL CARE AND USE SPECIES-SPECIFIC TRAINING, JUNE 2005, CNIO.
- MIEMBRO DEL GRUPO EUROPEO DE CLONALIDAD (EUROCLONALITY) DESDE MARZO 2012.
- MIEMBRO DEL CONSEJO ADMINISTRATIVO DEL GRUPO ESPAÑOL DE LINFOMAS DESDE JUNIO 2011.
- EORTC (EUROPEAN ORGANIZATION FOR RESEARCH AND TREATMENT OF CANCER) YOUTH ONCOLOGIST, 2010-2012.
- REVISORA DE DIVERSAS REVISTAS CIENTIFICAS: (J SURG PATHOL, J CANCER, J DERMATHOLO, ONCOGENE).