UNIDAD DE LINFOMAS

OBJETIVOS:

-Búsqueda de marcadores pronósticos, diagnósticos y posibles dianas terapeúticas en linfomas T.

-Dra Rebeca Manso.

-Colaboradores:

-Servicio de AP: Dr Federico Rojo, Dr Piris.
-Servicio de Dermatologia: Dr Requena, Dra Machan
-Servicio de Hematologia: Dr Llamas, Dr Cordoba, Dr Nieves-Salgado, Dr Serrano del Castillo, Dr Soto, Dr Blas,
-Servicios de AP de otros Hospitales de la Red Nacional: H Puerta de Hierro, H 12 de Octubre, H Gregorio Marañón, H de Valdecilla (Santander), etc…

-Dra Margarita Sánchez-Beato. Lymphoma Research Group. IIS Puerta de Hierro-Segovia Arana, Majadahonda, Madrid (IDIPHISA).
-Dra Sandra Rodriguez Perales. Molecular Cytogenetic Group, CNIO, Madrid.
-Dra Maria Jara-Acevedo. Servicio de Secuenciacion de ADN. Unidad de Secuenciacion Masiva (Nucleus-USAL), Salamanca.
-Grupo Europeo de Clonalidad (Euroclonality).
-Red Iberoamericana de Biologia Molecular (RED CYTED).

-Estancias en Centros Nacionales e Internacionales:

- Hospital Marqués de Valdecilla, Santander (Beca Asociación Española contra el Cancer). Dr Piris (4 meses).
- CAMBRIDGE UNIVERSITY HOSPITAL. Cambrigde, UK, Dr Ming Du. (4 meses).
- Centre for Cancer Research, Queen's University Belfast, Belfast, UK. Dr David Gonzalez de Castro (1 mes).

ARTICULOS EN LOS ÚLTIMOS 5 AÑOS (Unos 70 artículos…)

www.oncotarget.com Oncotarget, 2018, Vol. 9, (No. 22), pp: 16124-16133

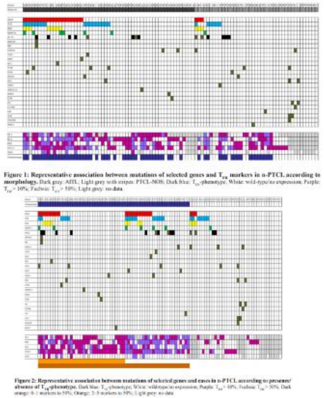
Research Paper

Overlap at the molecular and immunohistochemical levels between angioimmunoblastic T-cell lymphoma and a subgroup of peripheral T-cell lymphomas without specific morphological features

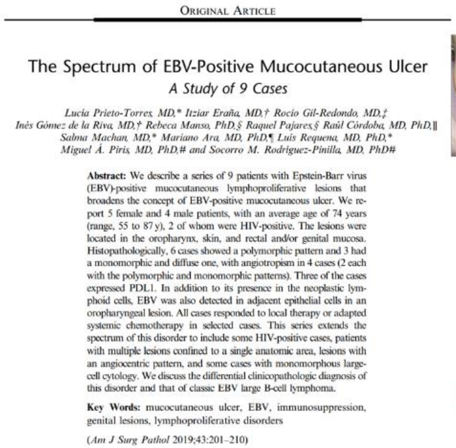
Rebeca Manso[1], Julia González-Rincón[2,3], Manuel Rodríguez-Justo[4], Giovanna Roncador[5], Sagrario Gómez[2], Margarita Sánchez-Beato[2], Miguel A. Piris[1,6] and Socorro M. Rodríguez-Pinilla[1,6]

ABSTRACT

The overlap of morphology and immunophenotype between angioimmunoblastic T-cell lymphoma (AITL) and other nodal peripheral T-cell lymphomas (n-PTCLs) is a matter of current interest whose clinical relevance and pathogenic background have not been fully established. We studied a series of 98 n-PTCL samples (comprising 57 AITL and 41 PTCL-NOS) with five T_{FH} antibodies (CD10, BCL-6, PD-1, CXCL13, ICOS), looked for mutations in five of the genes most frequently mutated in AITL (*TET2*, *DNMT3A*, *IDH2*, *RHOA* and *PLCG1*) using the Next-Generation-Sequencing Ion Torrent platform, and measured the correlations of these characteristics with morphology and clinical features. The percentage of mutations in the *RHOA* and *TET2* genes was similar (23.5% of cases). *PLCG1* was mutated in 14.3%, *IDH2* in 11.2% and *DNMT3A* in 7.1% of cases, respectively. In the complete series, mutations in *RHOA* gene were associated with the presence of mutations in *IDH2*, *TET2* and *DNMT3A* ($p < 0.001$, $p = 0.043$, and $p = 0.029$, respectively). Fourteen cases featured *RHOA* mutations without *TET2* mutations. A close relationship was found between the presence of these mutations and a T_{FH}-phenotype in AITL and PTCL-NOS patients. Interestingly, BCL-6 expression was the only T_{FH} marker differentially expressed between AITL and PTCL-NOS cases. There were many fewer mutated cases than there were cases with a T_{FH} phenotype. Overall, these data suggest alternative ways by which neoplastic T-cells overexpress these proteins. On the other hand, no clinical or survival differences were found between any of the recognized subgroups of patients with respect to their immunohistochemistry or mutational profile.



Tesis Doctoral. Dra Rebeca Manso (Conchita Rábago)



ORIGINAL ARTICLE

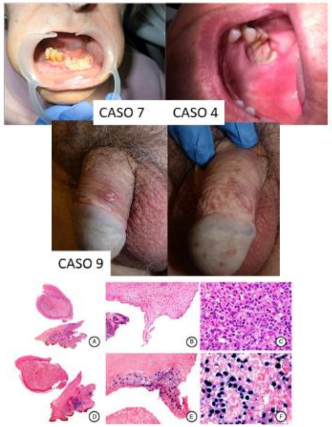
The Spectrum of EBV-Positive Mucocutaneous Ulcer
A Study of 9 Cases

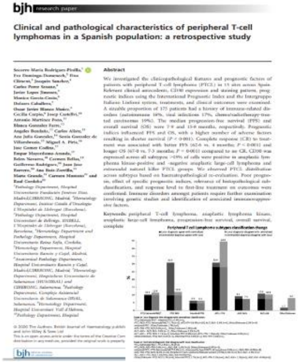
Lucía Prieto-Torres, MD, Itziar Eraña, MD,† Rocío Gil-Redondo, MD,‡ Inés Gómez de la Riva, MD,† Rebeca Manso, PhD,§ Raquel Pajares,§ Raúl Córdoba, MD, PhD,|| Salma Machan, MD,* Mariano Ara, MD, PhD,¶ Luis Requena, MD, PhD,* Miguel Á. Piris, MD, PhD,# and Socorro M. Rodríguez-Pinilla, MD, PhD#*

Abstract: We describe a series of 9 patients with Epstein-Barr virus (EBV)-positive mucocutaneous lymphoproliferative lesions that broadens the concept of EBV-positive mucocutaneous ulcer. We report 5 female and 4 male patients, with an average age of 74 years (range, 55 to 87 y), 2 of whom were HIV-positive. The lesions were located in the oropharynx, skin, and rectal and/or genital mucosa. Histopathologically, 6 cases showed a polymorphic pattern and 3 had a monomorphic and diffuse one, with angiotropism in 4 cases (2 each with the polymorphic and monomorphic patterns). Three of the cases expressed PDL1. In addition to its presence in the neoplastic lymphoid cells, EBV was also detected in adjacent epithelial cells in an oropharyngeal lesion. All cases responded to local therapy or adapted systemic chemotherapy in selected cases. This series extends the spectrum of this disorder to include some HIV-positive cases, patients with multiple lesions confined to a single anatomic area, lesions with an angiocentric pattern, and some cases with monomorphous large-cell cytology. We discuss the differential clinicopathologic diagnosis of this disorder and that of classic EBV large B-cell lymphoma.

Key Words: mucocutaneous ulcer, EBV, immunosuppression, genital lesions, lymphoproliferative disorders

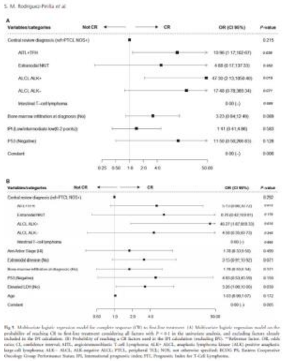
(*Am J Surg Pathol* 2019;43:201–210)





bjh research paper

Clinical and pathological characteristics of peripheral T-cell lymphomas in a Spanish population: a retrospective study



LETTERS TO THE EDITOR

Breast implant-associated Epstein-Barr virus-positive large B-cell lymphomas: a report of three cases

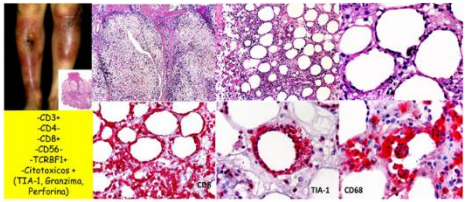
Socorro María Rodríguez-Pinilla,[1] Francisco Javier Sánchez García,[1] Olga Balagué,[2] Manuel Rodríguez-Justo[3] and Miguel Ángel Piris[1]

haematologica 2020; 105:e413

II REUNIÓN ANUAL DE ÁREAS Y GRUPOS DEL IIS-FJD
13 de Noviembre del 2020

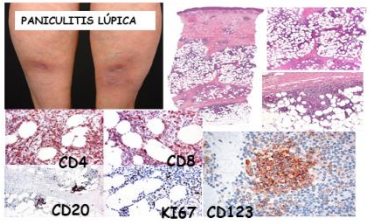
PROYECTOS Y PERSPECTIVAS

LINFOMA T PANICULITICO



PROYECTO FISH (PI16/2172)
LINFOMA T PANICULITO Y SIMULADORES. MARCADORES MOLECULARES DE DIAGNOSTICO Y TERAPIA DIRIGIDA.

Dra Salma Machan (Servicio de Dermatologia)



Subcutaneous Panniculitis-Like T-Cell Lymphoma With Overlapping Clinicopathologic Features of Lupus Erythematosus: Coexistence of 2 Entities?

Laura B. Pincus, MD, Philip E. LeBoit, MD,*† Timothy H. McCalmont, MD,*† Roberto Ricci, MD,‡ Carlo Buzio, MD,§ Lindy P. Fox, MD,* Fergus Oliver, MD,¶ and Lorenzo Cerroni, MD‖*

Abstract: We observed 5 patients with subcutaneous panniculitis-like T-cell lymphoma (SPTCL) who were unusual, in that they also exhibited features of lupus erythematosus (LE). This observation is in keeping with a recent study that reported an increased rate of autoimmune disease, including systemic lupus erythematosus (SLE), among patients with SPTCL. In all cases, attributes indicating SPTCL included an infiltrate of lymphocytes with pleomorphic nuclei involving subcutaneous lobules exhibiting a cytotoxic T-cell (CD3+/CD8+/βF1+) immunophenotype. Additionally, a high proliferation rate and a monoclonal T-cell receptor-γ gene rearrangement into SPTCL with biopsy of any subcutaneous lesion that is not typical of LEP. Additionally, screening for cutaneous LE and SLE could be considered in patients with SPTCL.

Key Words: cutaneous T-cell lymphoma, lupus erythematosus, lupus panniculitis, lupus profundus, subcutaneous panniculitis-like T-cell lymphoma

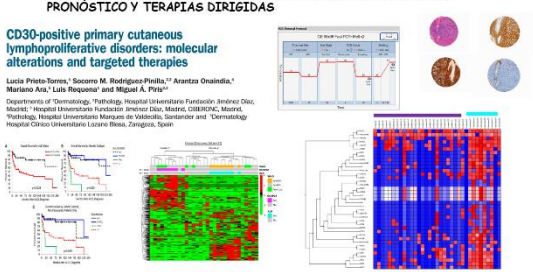
(*Am J Dermatopathol* 2009;31:520–526)

LINFOMAS CUTANEOS CON EXPRESION DE CD30. CLASIFICACIÓN, PRONÓSTICO Y TERAPIAS DIRIGIDAS

CD30-positive primary cutaneous lymphoproliferative disorders: molecular alterations and targeted therapies

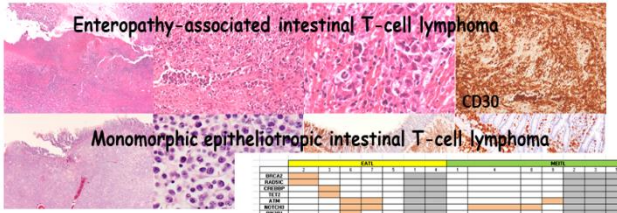
Lucia Prieto-Torres,[1] Socorro M. Rodriguez-Pinilla,[2,3] Arantza Onaindia,[4] Mariano Ara,[5] Luis Requena[4] and Miguel A. Piris[2,3]

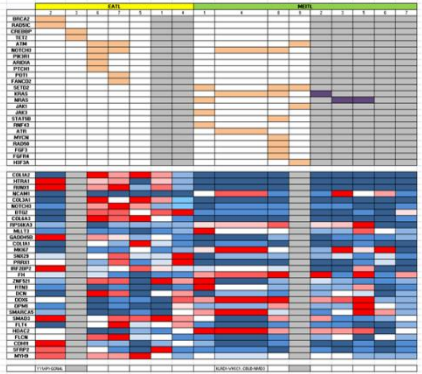
Departments of [1]Dermatology, [2]Pathology, Hospital Universitario Fundación Jiménez Díaz, Madrid; [3]Hospital Universitario Fundación Jiménez Díaz, Madrid, CIBERONC, Madrid, [4]Pathology, Hospital Universitario Marqués de Valdecilla, Santander and [5]Dermatology Hospital Clínico Universitario Lozano Blesa, Zaragoza, Spain



Tesis Doctoral.
Dra Lucia Prieto.
Río Ortega

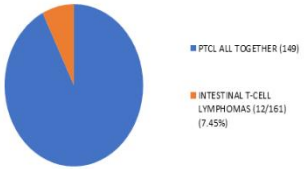
PERFIL MOLECULAR DE LOS LINFOMAS T PRIMARIO INTESTINALES





bjh research paper

Clinical and pathological characteristics of peripheral T-cell lymphomas in a Spanish population: a retrospective study



INCORPORAR NUEVA ESTUDIANTE PREDOCTORAL.

COLABORACIÓN

-**Oferta:**

- Estudio histológico.
- IHC, TMA.
- FISH
- Secuenciación genomica(paneles dirigidos). Ion Torrent, Miseq, nanostring….
- RNA seq
- Expresión génica (Nanostring, Fluidim, RT-PCR).

-**Demanda:**

- Estudio en células tumorales individuales. Sorter.
- Estudio in vivo con modelos animales.

CURSOS/CONGRESOS QUE ORGANIZAMOS