



Prípad SD-IAP 610

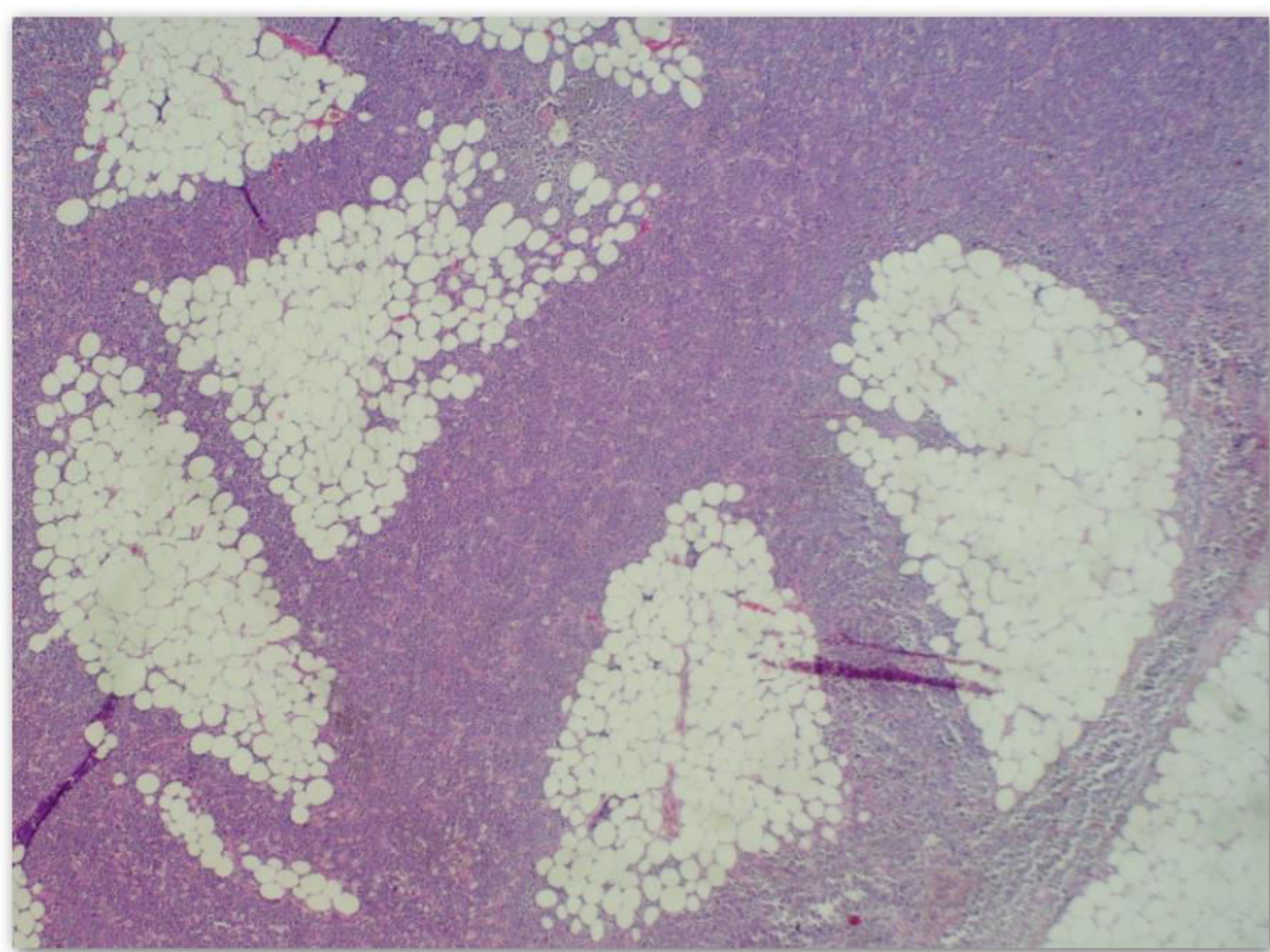
P Talarčík
Cytopathos

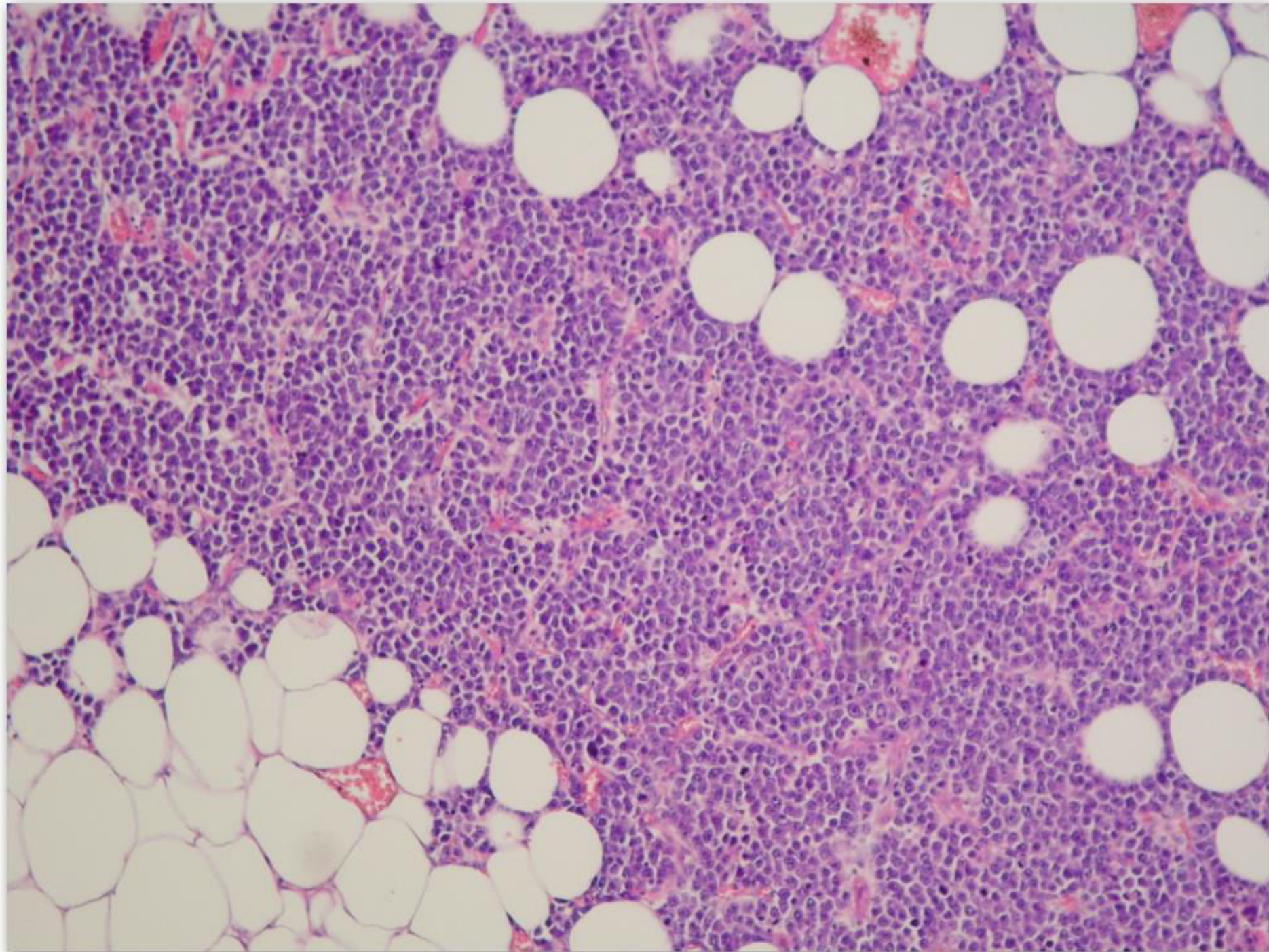
Vek 55 rokov, muž

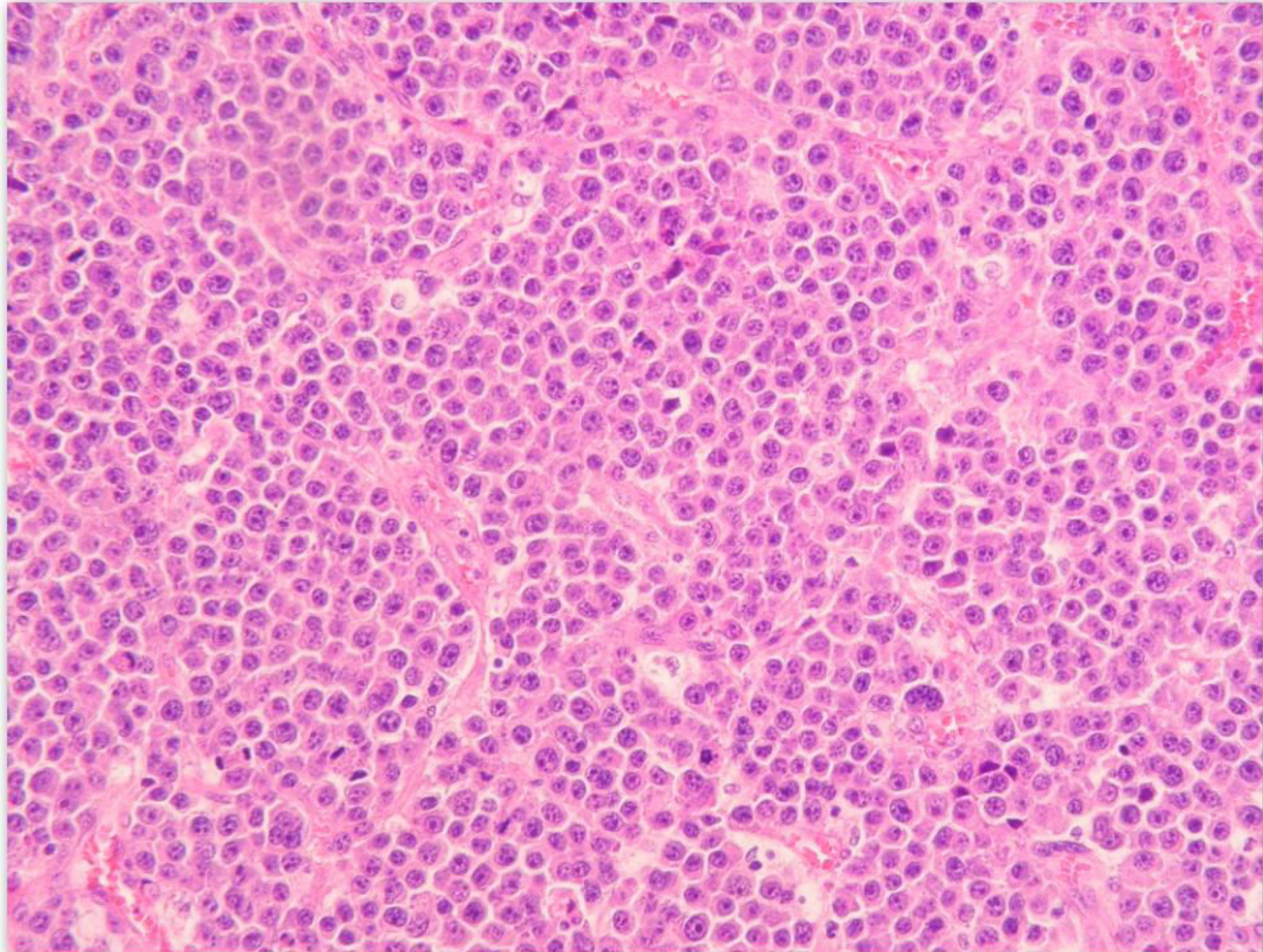
Klinika: silné bolesti 2-3 týždne v lumbálnej oblasti bilat., t.č. dyspnoe, liečil sa na LIS

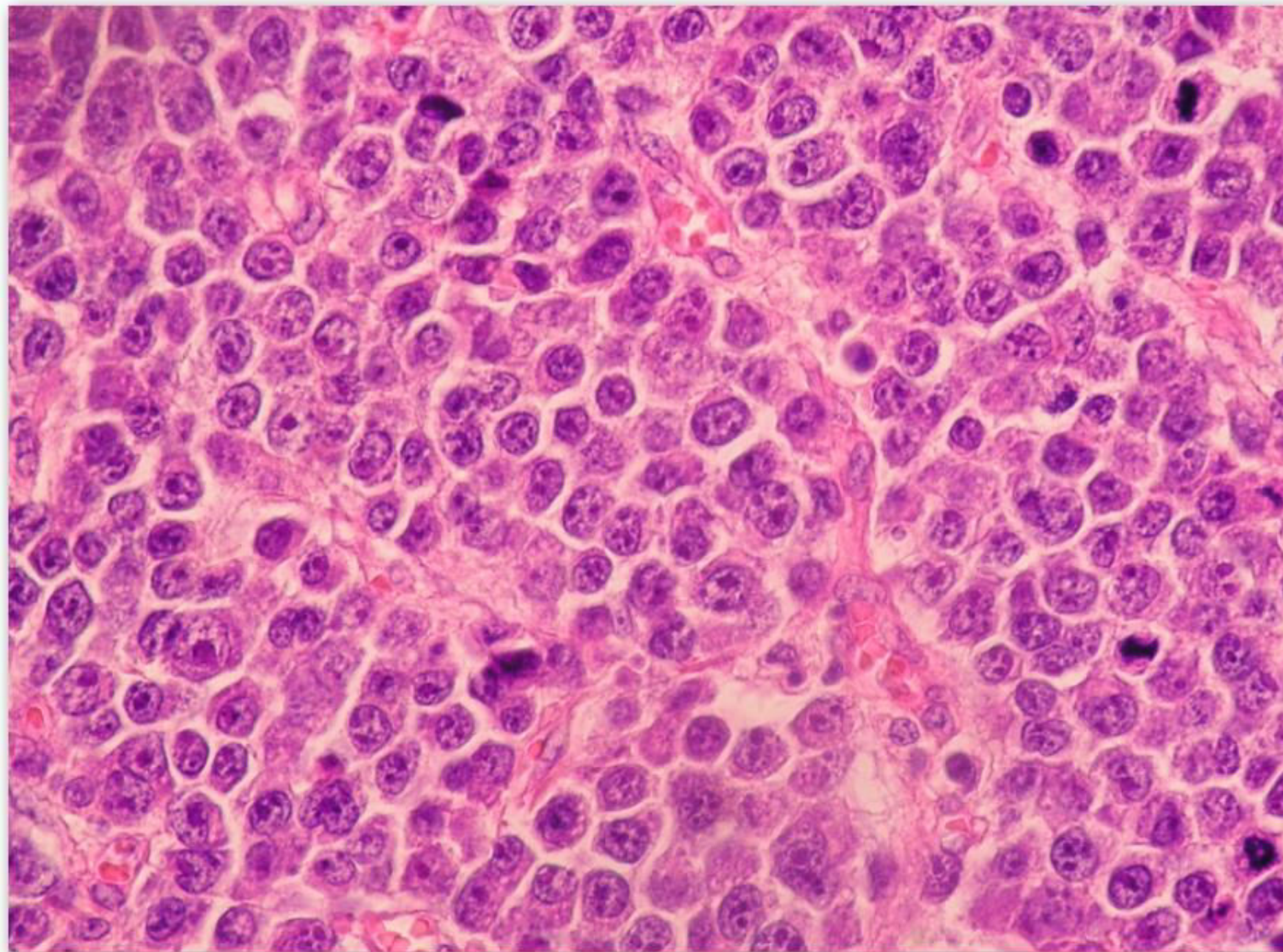
Zobrazovacie vyš.: difúzny tumorózny proces v retroperitoneu siahajúci až do mediastína

Makro: excízia tumoru retroperitonea, 3x2x1 cm, lipomatózneho vzhľadu









Imunohistochemia:

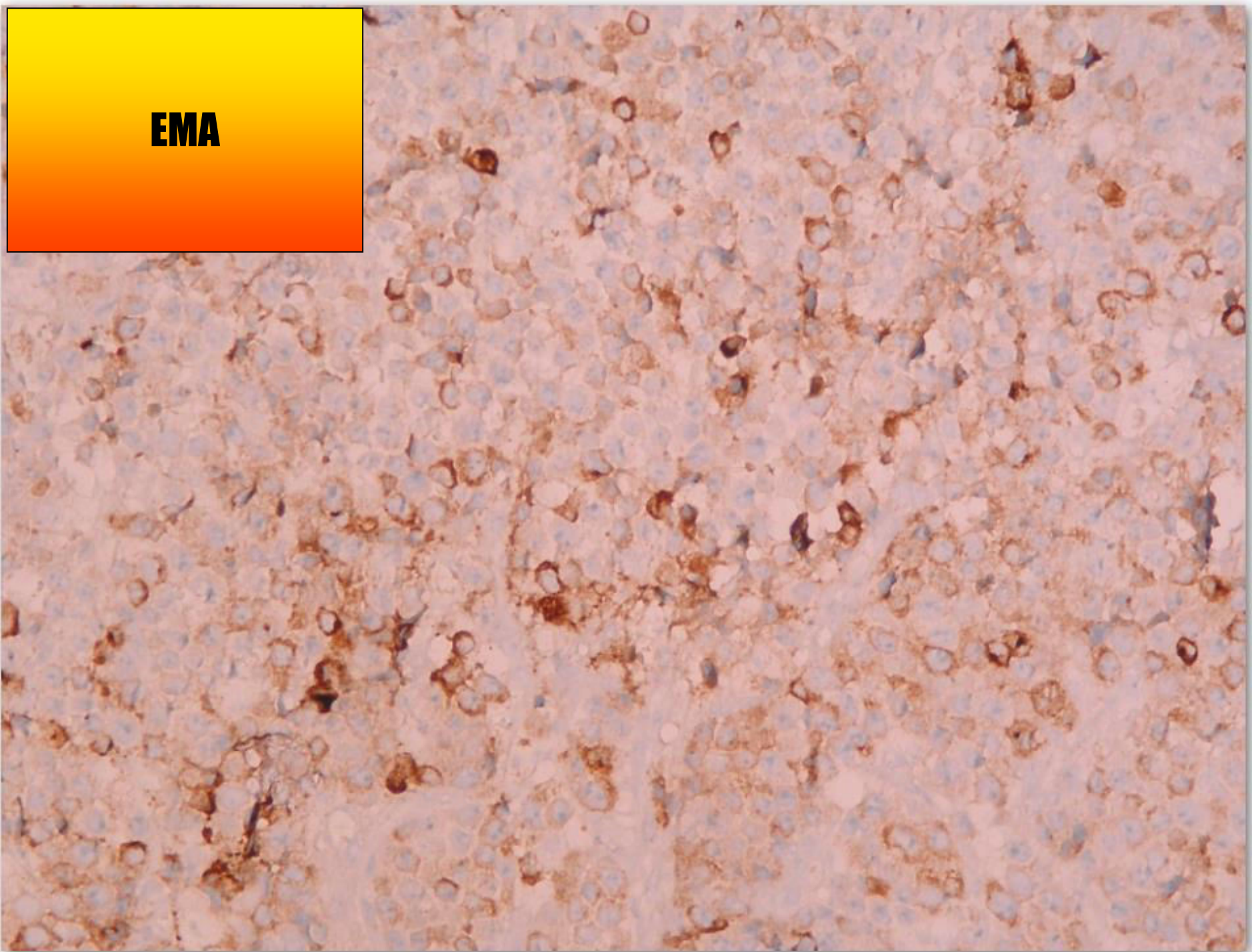
**Negativita: LCA, CD20, CD3,
AE1/AE3, CK8/18, S100**

Imunohistochemia:

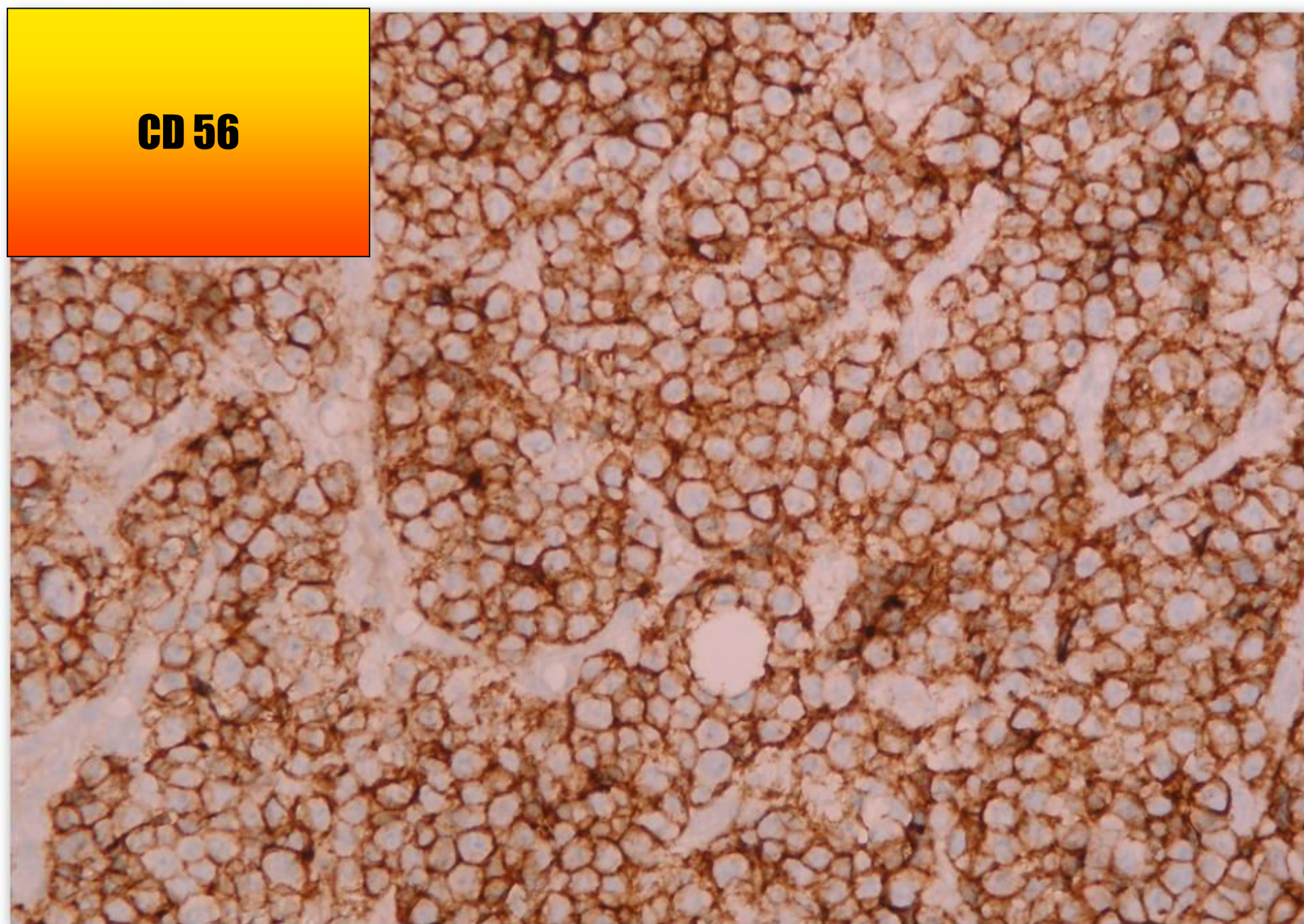
Pozitivita: EMA

Negativita: CD30

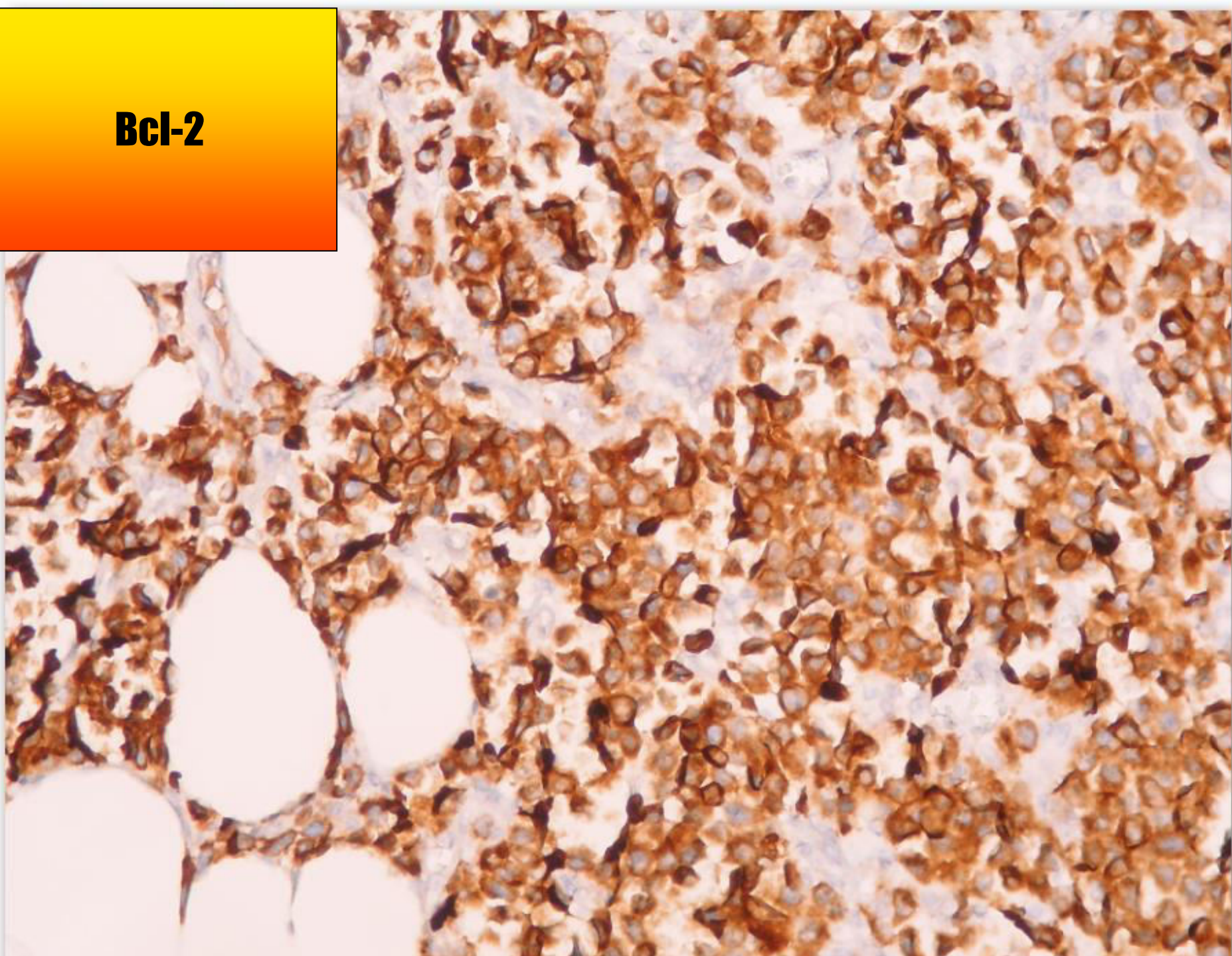
EMA



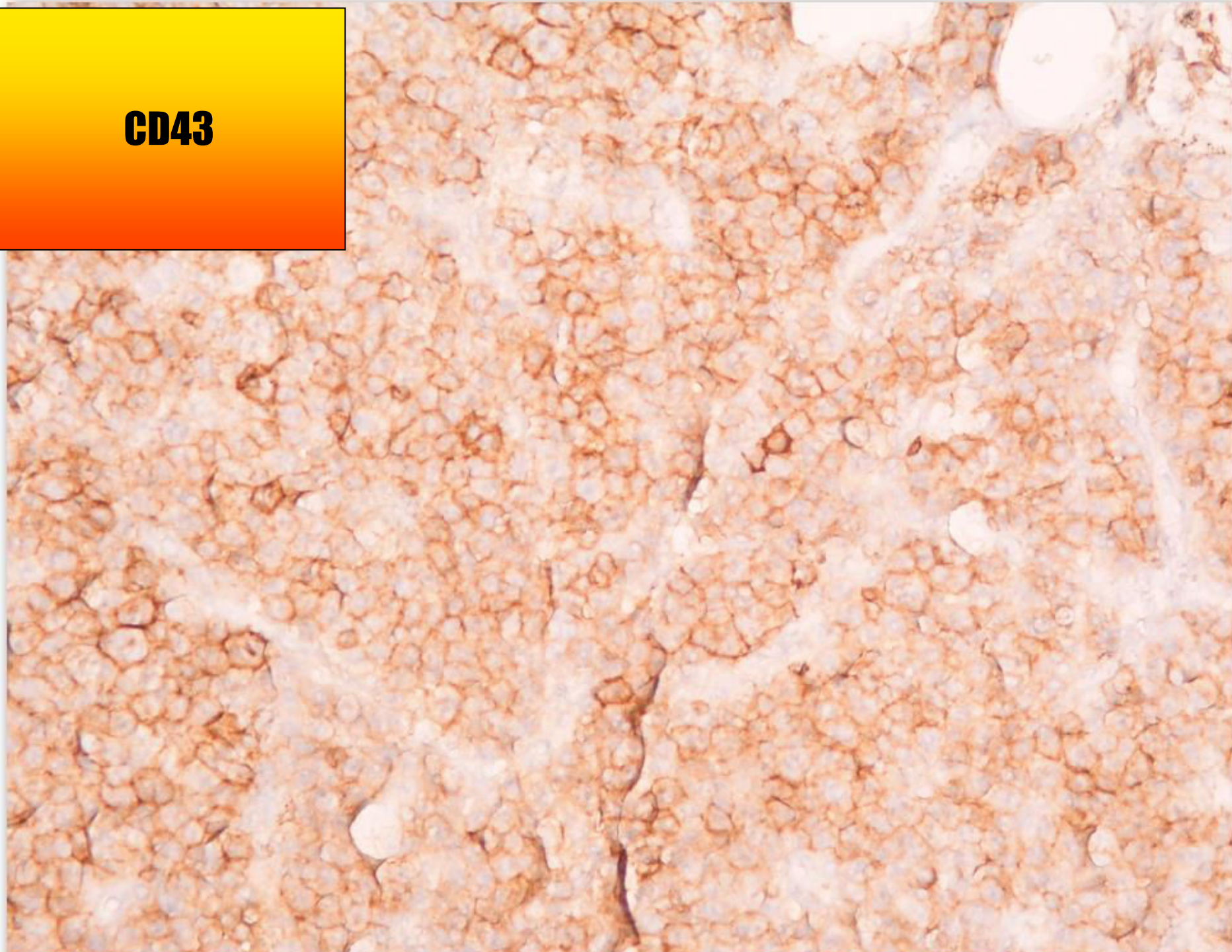
CD 56



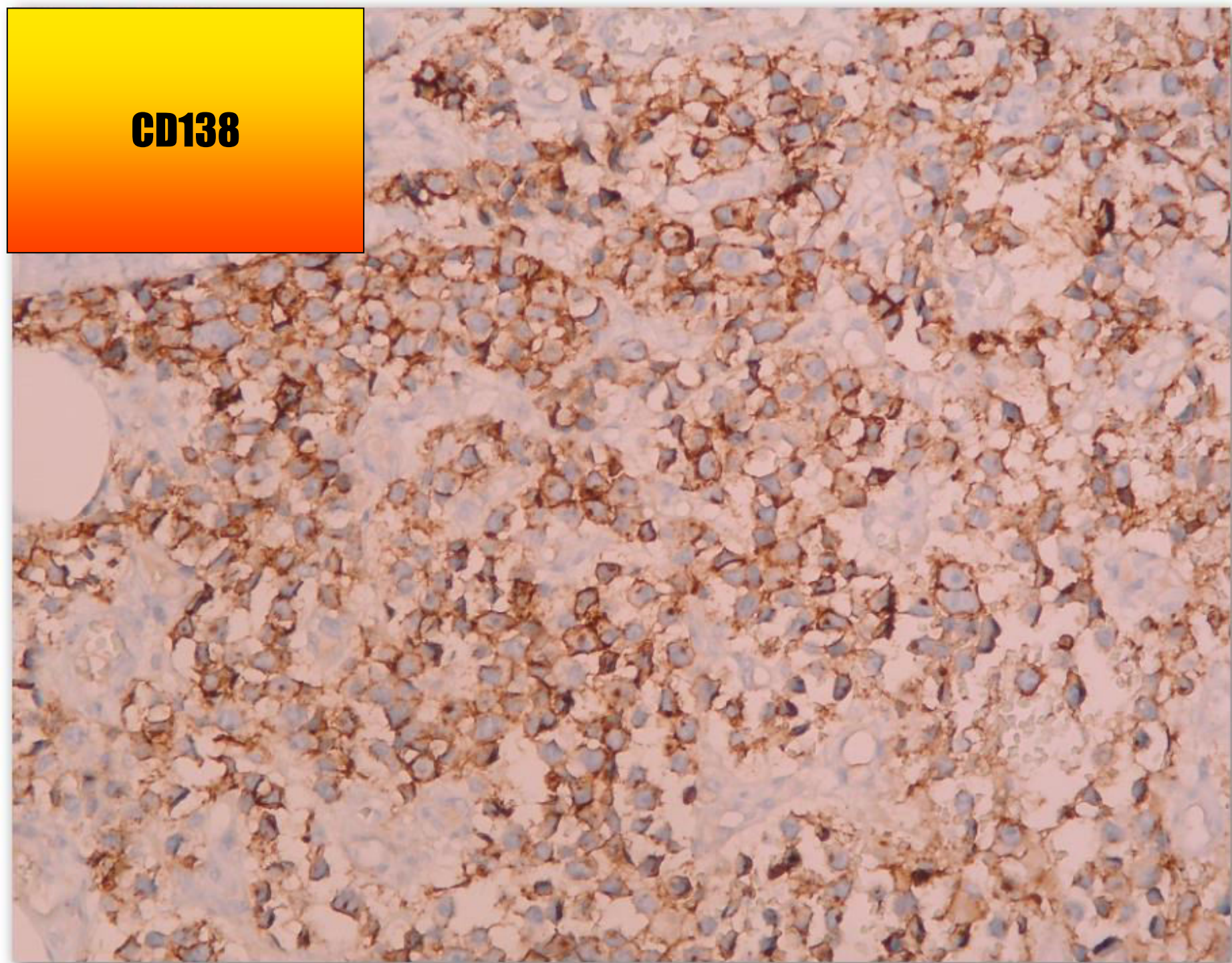
Bcl-2



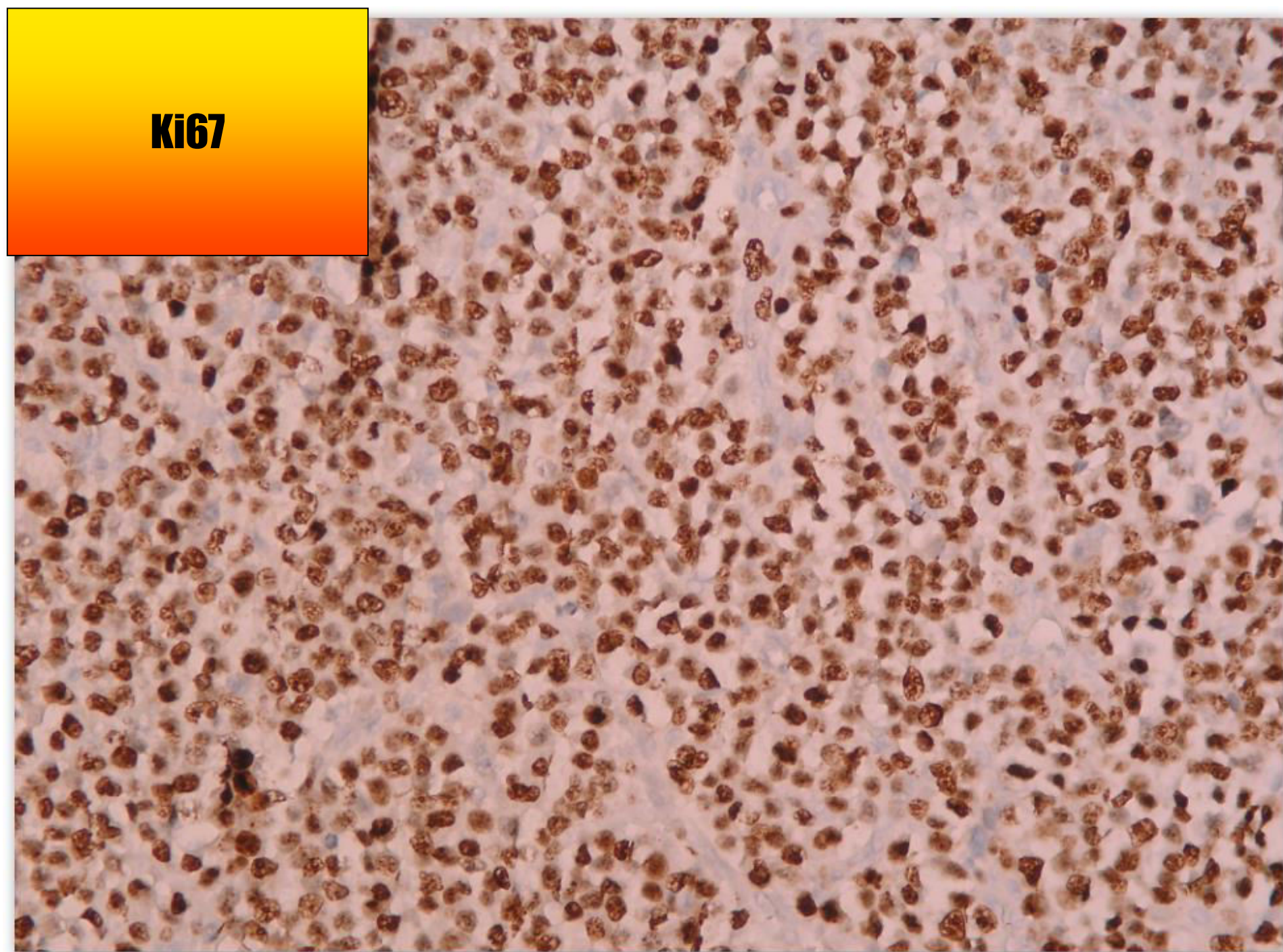
CD43



CD138

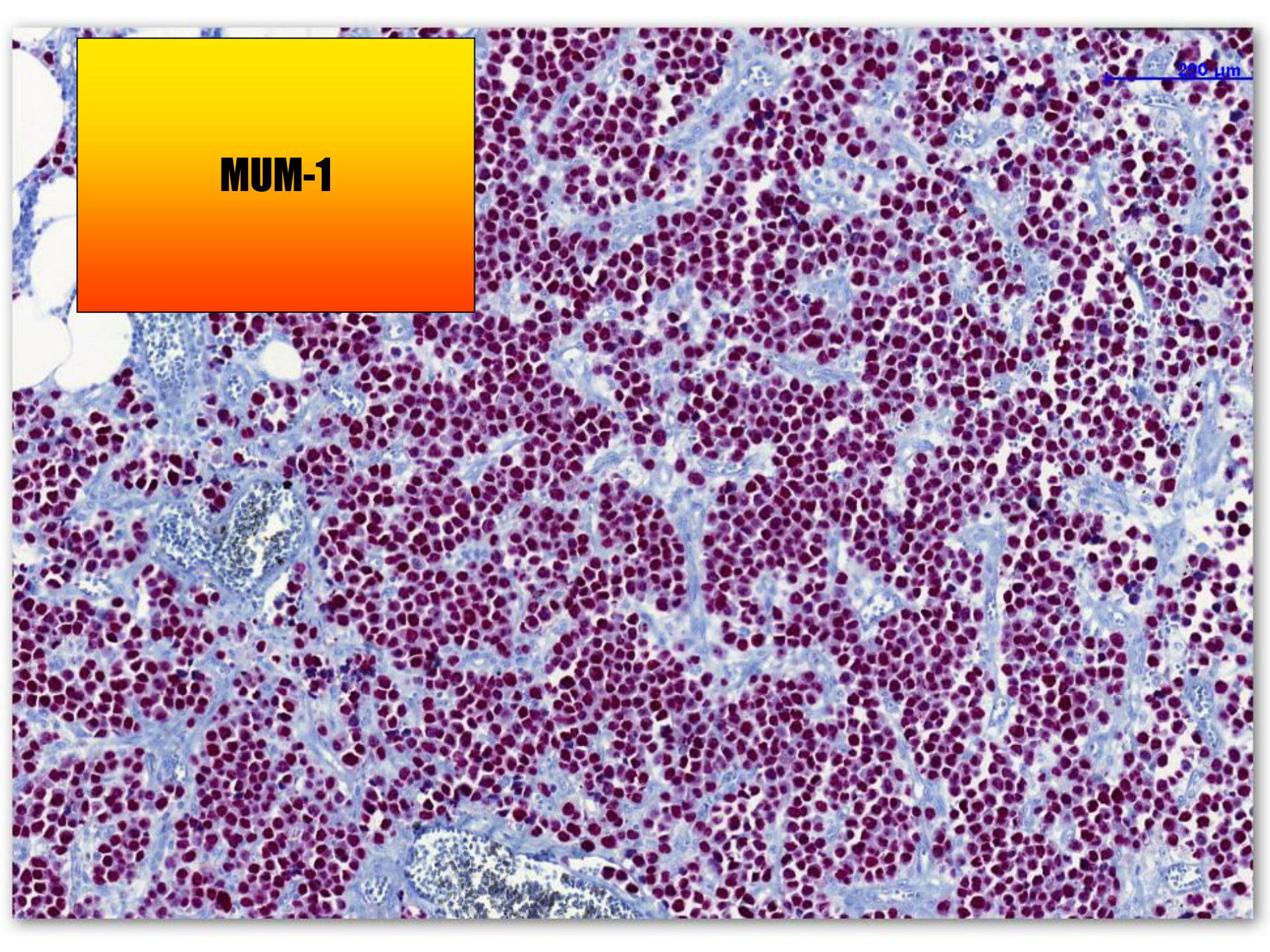


Ki67

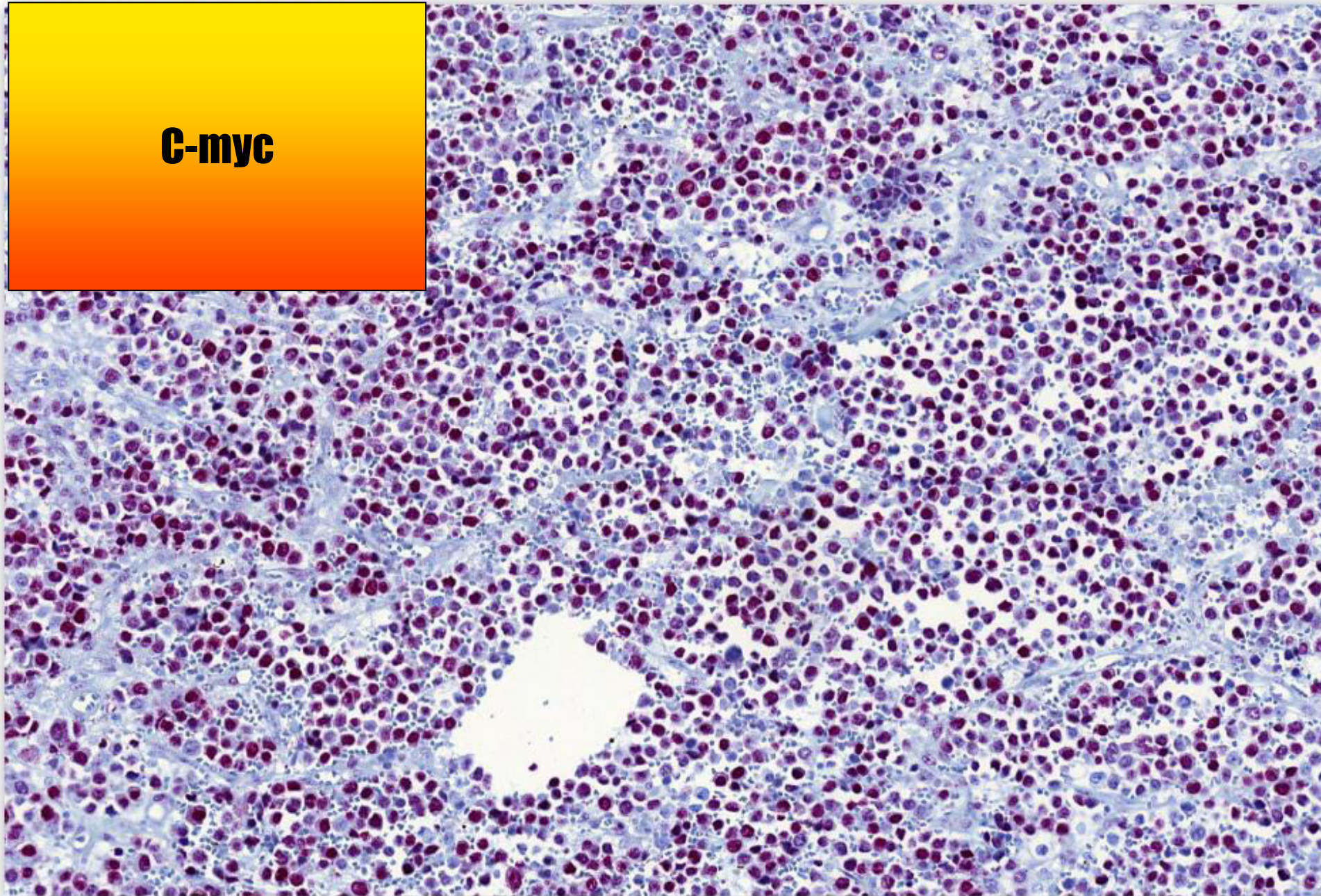


MUM-1

200 μ m



C-myc



Imunohistochemia:

Negativita: CD2, CD3, CD4, CD5, CD7, CD11c, CD13, CD20, BOB-1, TdT, CD79a, PAX5, HHV-8, cyklin-D1, LMO2, cytokeratíny, S100, melan-A, EBV-LMP1, ALK1

Pozitivita: CD138, MUM-1, C-myc, bcl-2, CD56, CD43



?

The background of the slide is a deep space image featuring a dark blue and black field filled with numerous stars of varying brightness. In the lower right corner, there is a prominent, colorful nebula with swirling clouds of gas in shades of blue, purple, and pink, illuminated by bright star clusters.

Plazmablastický lymfóm retroperitonea.

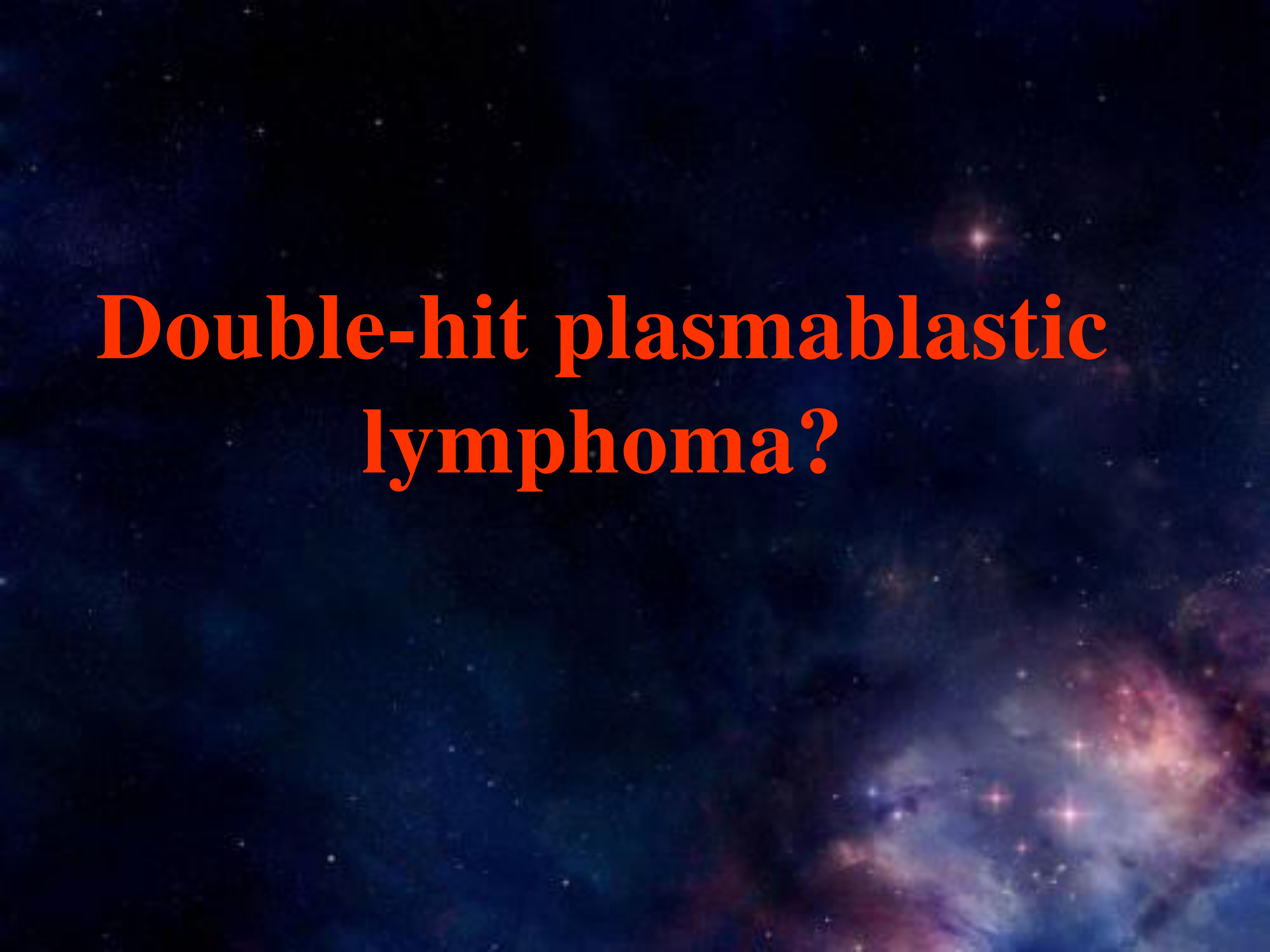
Dif.dg.:

Plasmacytoid MM, poorly differentiated carcinomas, plasmacytoid ca, sarkomatoid GIST, plasmablastic EP, Burkitt's/like lymphoma, ALCL, extracavitary solid PEL HHV8+, DLBCL NOS, EBV+ DLBCL of elderly, ALK+ DLBCL, DLBCL ACI, HHV8+ LBCL,

Genetika:

1. Prestavba bcl-2, resp. t/14,18/ - bcl-2/IgH

2. Prestavba c-myc, resp. t/8,14/ - c-myc/IgH

The background of the slide is a deep space image featuring a dark blue and black cosmic field. Scattered throughout are numerous stars of varying brightness. In the lower right quadrant, there is a prominent, colorful nebula or galaxy structure with swirling patterns of blue, purple, and pinkish-red light. The overall effect is a sense of vastness and mystery, typical of astronomical photography.

**Double-hit plasmablastic
lymphoma?**

Lymphoid neoplasms associated with concurrent t(14;18) and 8q24/*c-MYC* translocation generally have a poor prognosis

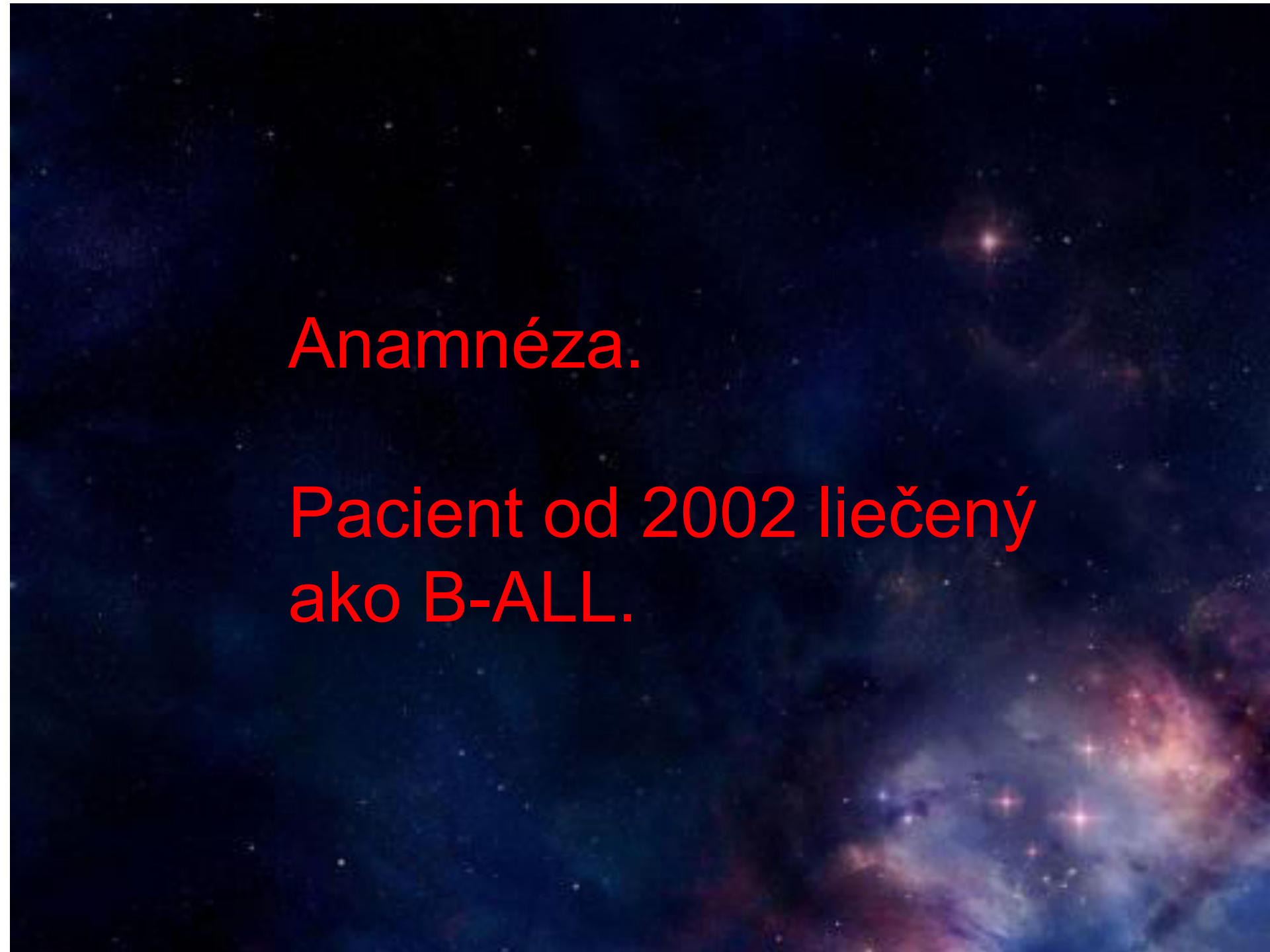
Anuradha Kanungo, L Jeffrey Medeiros, Lynne V Abruzzo and Pei Lin

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Morphologically, nine neoplasms had features of Burkitt or atypical Burkitt lymphoma/leukemia and three were diffuse large B-cell lymphoma with high-grade cytologic features.

The remaining two cases were plasmablastic myeloma

and low-grade B-cell lymphoma, respectively. All cases expressed BCL-2.

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Anamnéza.

Pacient od 2002 liečený
ako B-ALL.

PB – klinickopatologické skupiny.

- HIV +
- HIV –
- Postransplantačne
- Plazmablastická transformácia
- Pediatrická skupina

Plasmablastic Transformation of Low-grade B-cell Lymphomas

Report on 6 Cases

Daniel Martinez, MD, Alexandra Valera, BSc,* Nhora Silva Perez, MD,†
Luz Fernanda Sua Villegas, MD,† Blanca Gonzalez-Farre, MD,* Carla Sole, BSc,*
Eva Gine, MD, PhD,* Armando Lopez-Guillermo, MD, PhD,* Gaël Roue, PhD,*
Salome Martinez, MD,‡ Francesc Sant, MD,§ Krzysztof Warzocha, MD,|| Tadeusz Robak, MD,¶
Magdalena Czader, MD,# Neus Villamor, MD, PhD,* Lluís Colomo, MD, PhD,*
Elias Campo, MD, PhD,* and Antonio Martinez, MD, PhD**

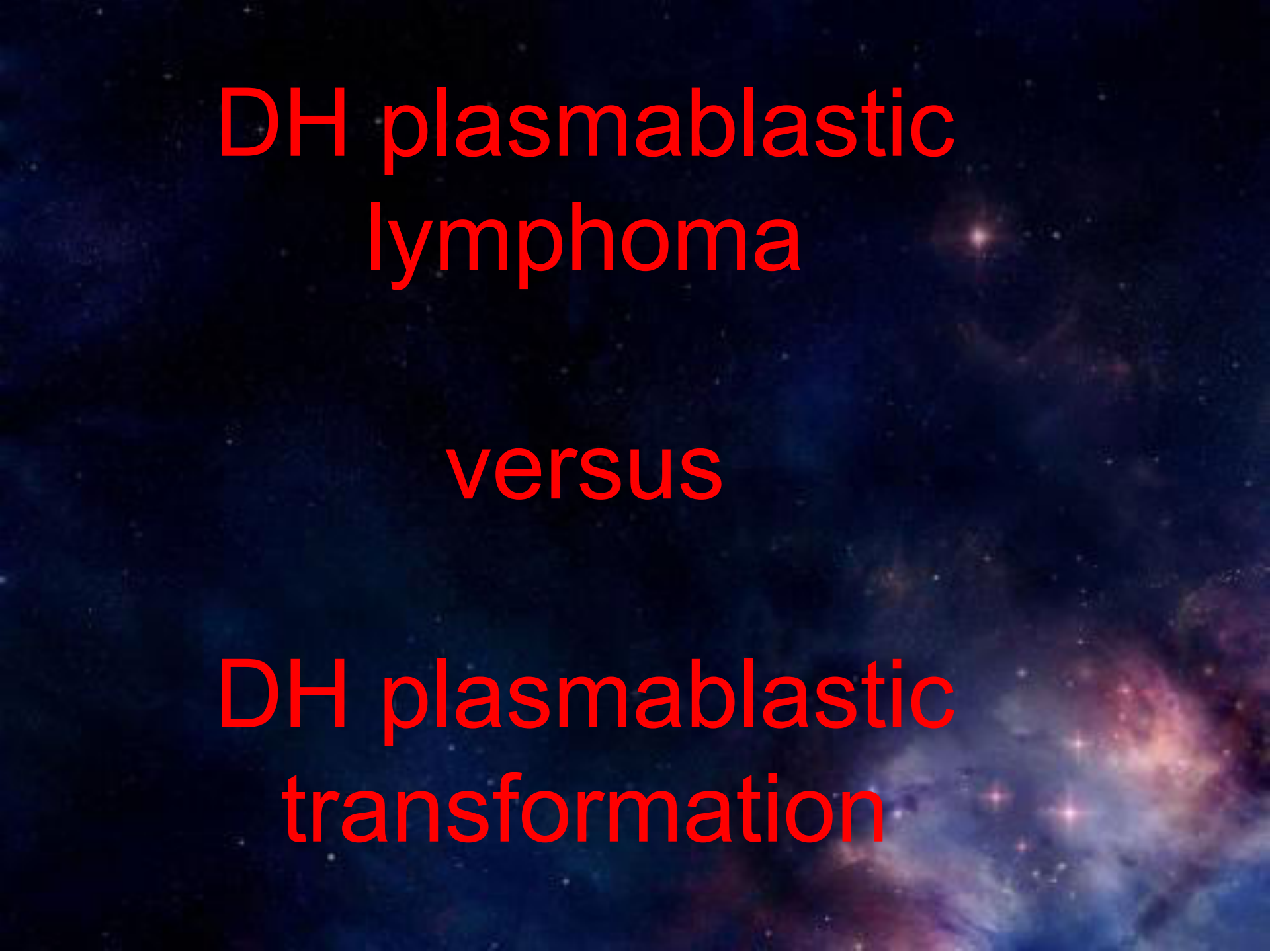
Transformation of Follicular Lymphoma to Plasmablastic Lymphoma With *c-myc* Gene Rearrangement

*Ihsane Ouansafi, MD,¹ Bing He, PhD,² Cory Fraser, MD,¹ Kui Nie, MD,¹ Susan Mathew, PhD,³
Rumina Bhanji, MD,¹ Rana Hoda, MD,⁴ Melissa Arabadjief, MD,¹ Daniel Knowles, MD,¹
Andrea Cerutti, MD,² Attilio Orazi, MD,¹ and Wayne Tam, MD, PhD¹*

Key Words: Follicular lymphoma; Plasmablastic lymphoma; Transformation; *c-myc*

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Plasmablastic Richter transformation as a resistance mechanism for chronic lymphocytic leukaemia treated with BCR signalling inhibitors

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DH plasmablastic
lymphoma

versus

DH plasmablastic
transformation

B-ALL/NHL 2002

MYC:4-8x MYC v

prestavbe a ziskom 3' MYC pozit. 100%

MYC/IgH/cep8:

tetrazómia chr. 8

pozit. 88%

t(8;14)

MYC (3-10x), zisk

IgH (3-10x) pozit.

92%

**Double-hit t/8,14/-/14,18/
plazmablastická
transformácia
B-NHL typu
B-ALL s t/8,14/
retroperitonea.**

Dg. záver: B-NHL-typu DLBCL CD20- plazmablastový variant "double hit" IV.B št. IPI 4
Dg. záver: B-NHL-typu DLBCL CD20- plazmablastový variant "double hit" IV.B št. IPI 4 (generalizovaná LAP, bulky v RP)
(generalizovaná LAP, bulky v RP)

- st.p. HD melfalan+ASCT 1.2.2016
- st.p. febrilnej neutropénii so sep. Šokom, etiol. Polyrez. Kleps. Pneumonie z HK 2/2016
- St.p. 1. kúre COPP
- st.p. 1x DA EPOCH + Bortezomib 1/16 s efektom progresie ochorenia
- st.p. A2 do 55 rokov + i.t. (negat) 12/2015 s efektom progresie ochorenia
- st.p A1 fáze B-ALL/NHL 2002 nad 55rokov + i.t. profylaxia (negat.) 11/2015
- st.p. bioptizácii TU v RP 9/2015

Exitus tesne po 18.4.2016

