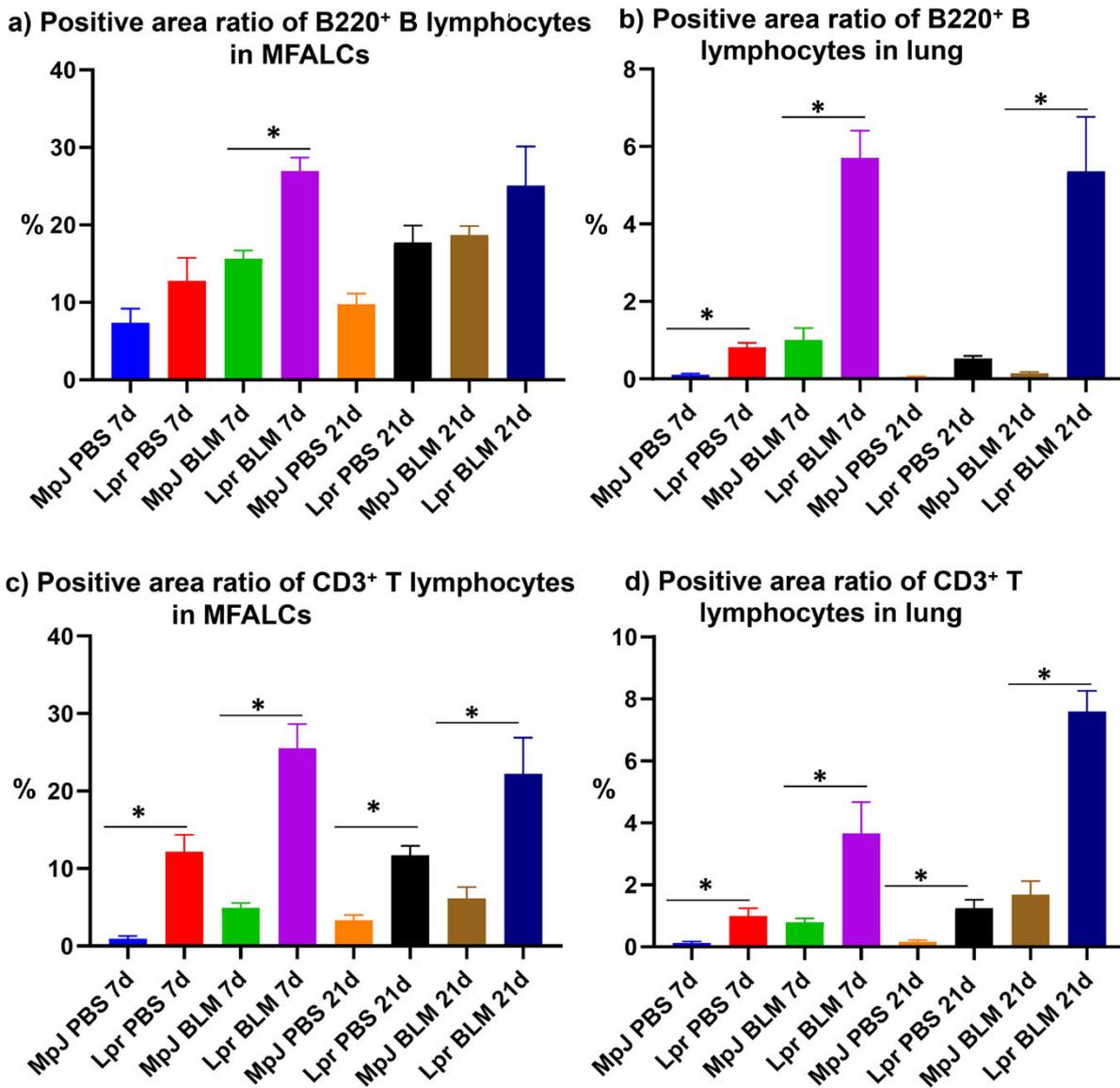


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2 **Supplementary Figure 1. Comparison of the MFALCs development, lung injury scores,**
 3 **proliferating cells among Lpr and MpJ mice in all studied groups. (a)** Graph showing the
 4 comparative analysis of morphometrical data for the percentage of the LCs area/ total MFT area
 5 among both studied strains from PBS and BLM groups at indicated time points. **(b)** Graph showing
 6 the comparative analysis of morphometrical data for the lung injury score among both studied strains
 7 from PBS and BLM at indicated time points. **(c-d)** Graph showing the comparative analysis of
 8 morphometrical data for BrdU⁺ proliferating cell density in MFALCs **(c)**, and BrdU⁺ proliferating
 9 cell number/ lung field area **(d)** among both studied strains from PBS and BLM at indicated time
 10 points. Significant values (*) were detected in the same treatment between Lpr and MpJ mice with
 11 $P < 0.05$, $n = 4$ /experimental group, analyzed by the Mann-Whitney U test. Data are presented as mean
 12 values \pm SE.

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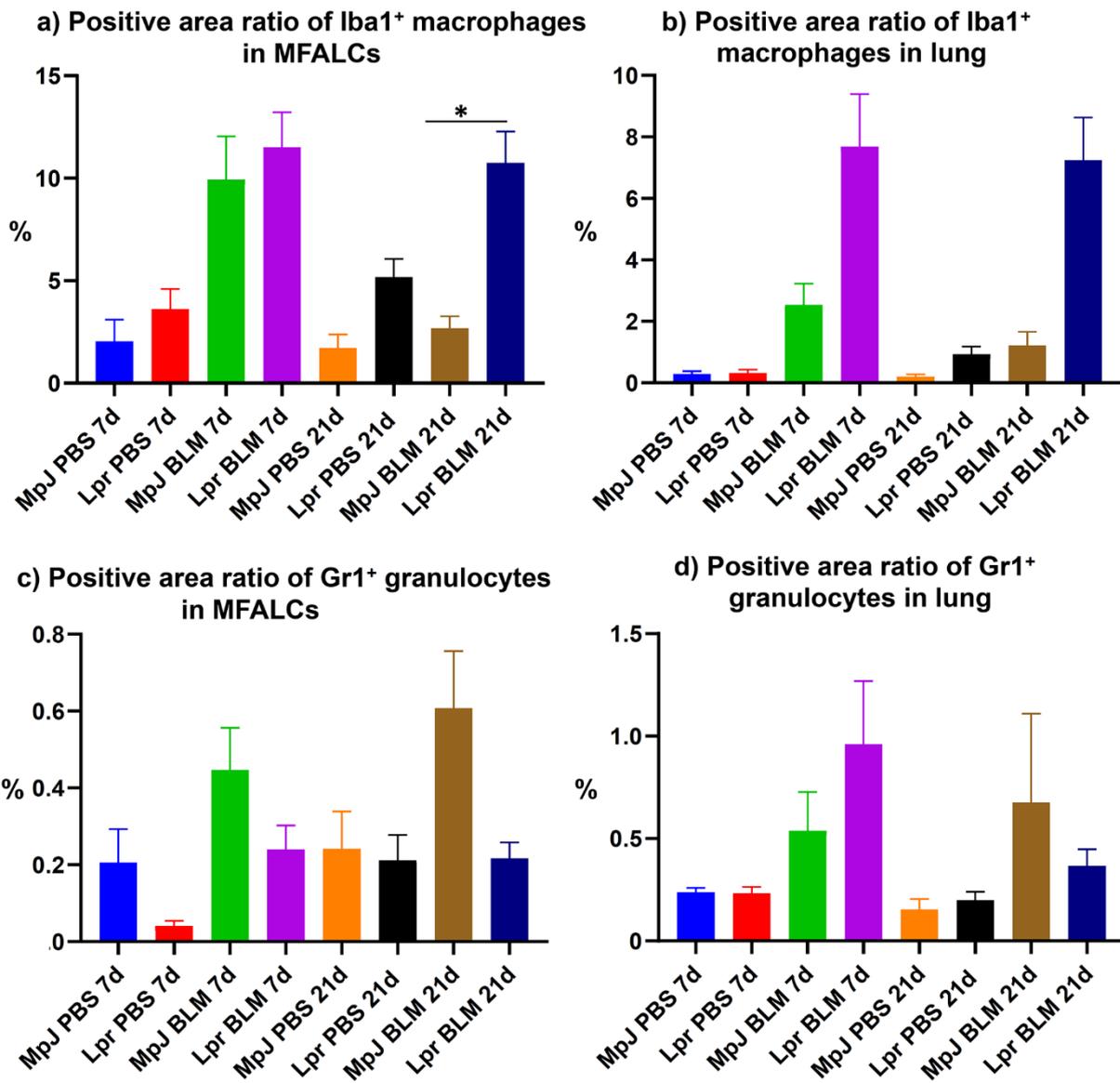
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15 **Supplementary Figure 2. Comparison of the lymphocyte populations in MFALCs and lung**
 16 **among Lpr and MpJ mice in all studied groups. (a-b)** Graphs showing the comparative analysis
 17 of the percentage of positive area ratio of B220⁺ B-lymphocytes in MFALCs (a) and lung (b)
 18 among both studied strains from PBS and BLM groups at indicated time points. (c-d) Graphs showing the
 19 comparative analysis of the percentage of positive area ratio of CD3⁺ T-lymphocytes in MFALCs (c)
 20 and lung (d) among both studied strains from PBS and BLM at indicated time points. Significant
 21 values (*) were detected in the same treatment between Lpr and MpJ mice with $P < 0.05$, $n =$
 22 $4/\text{experimental group}$, analyzed by the Mann-Whitney U test. Data are presented as mean values \pm SE.

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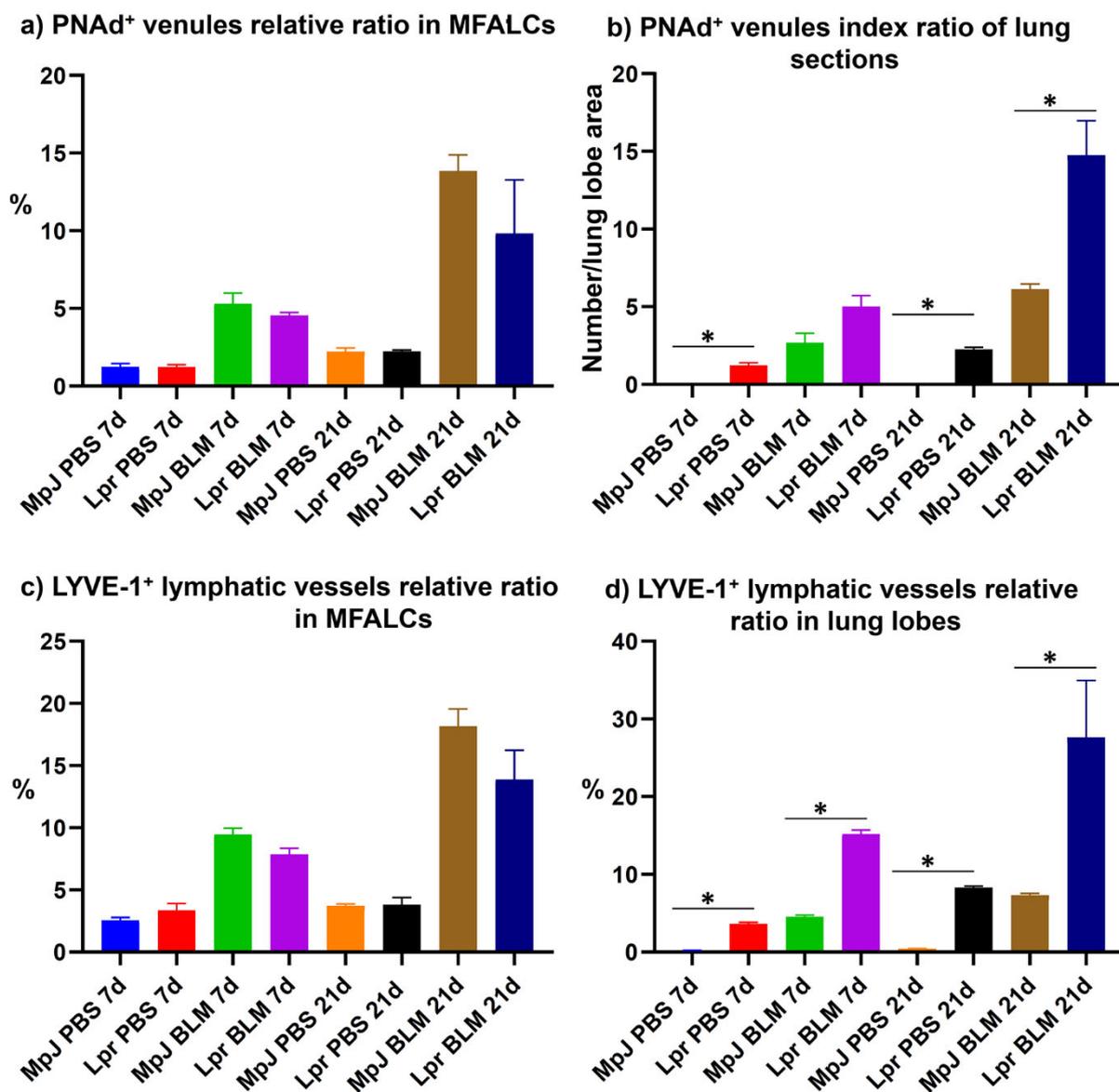


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27 **Supplementary Figure 3. Comparison of the macrophage and granulocyte populations in**
 28 **MFALCs and lung among Lpr and MpJ mice in all studied groups. (a-b)** Graphs showing the
 29 comparative analysis of the percentage of positive area ratio of Iba-1⁺ macrophages in MFALCs **(a)**
 30 and lung **(b)** among both studied strains from PBS and BLM groups at indicated time points. **(c-d)**
 31 Graphs showing the comparative analysis of the percentage of positive area ratio of Gr-1⁺
 32 granulocytes in MFALCs **(c)** and lung **(d)** among both studied strains from PBS and BLM at indicated
 33 time points. Significant values (*) were detected in the same treatment between Lpr and MpJ mice
 34 with $P < 0.05$, $n = 4$ /experimental group, analyzed by the Mann-Whitney U test. Data are presented as
 35 mean values \pm SE.

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39 **Supplementary Figure 4. Comparison of the high endothelial venules (HEVs) and lymphatic**
 40 **vessels (LVs) development in MFALCs and lung among Lpr and MpJ mice in all studied**
 41 **groups. (a-b)** Graphs showing the comparative analysis of the percentage of PNA⁺ HEVs relative
 42 ratio in MFALCs **(a)** and PNA⁺ HEVs index ratio in lung **(b)** among both studied strains from PBS
 43 and BLM groups at indicated time points. **(c-d)** Graphs showing the comparative analysis of the
 44 percentage of positive area ratio of LYVE-1⁺ LVs in MFALCs **(c)** and lung **(d)** among both studied
 45 strains from PBS and BLM groups at indicated time points. Significant values (*) were detected in
 46 the same treatment between Lpr and MpJ mice with $P < 0.05$, $n = 4$ /experimental group, analyzed by
 47 the Mann-Whitney U test. Data are presented as mean values \pm SE.

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