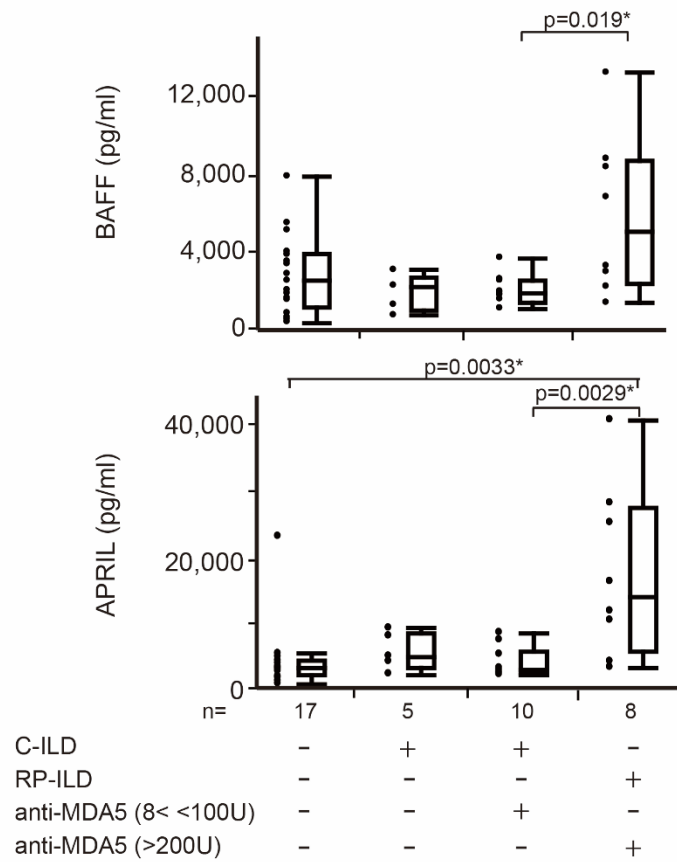


**Supplementary Table.** Therapies used until second sampling point.

	Type of ILD	Outcome	Treatment					
			mPSL <sup>a</sup>	PSL <sup>b</sup>	IVCY	CSA <sup>b</sup>	IVIG	Other
Case 1	RP-ILD	Death	30 mg/kg for 3 days x3	1.5 mg/kg/day	500 mg/m <sup>2</sup> x3	5.5 mg/kg/day	2 g/kg x3 etc	
Case 2	RP-ILD	Death	30 mg/kg for 3 days x1	2.2 mg/kg/day	500 mg/m <sup>2</sup> x2	1.0 mg/kg/day	230 mg/kg x4	
Case 3	RP-ILD	Death	30 mg/kg for 3 days x 2	1.6 mg/kg/day	540 mg/m <sup>2</sup> x1	2.3 mg/kg/day	ND	Azathioprine
Case 4	RP-ILD	Recovery	30 mg/kg for 3 days x1	2.0 mg/kg/day	ND	3.7 mg/kg/day	ND	
Case 5	RP-ILD	Recovery	30 mg/kg for 3 days x1	1.5 mg/kg/day	ND	6.5 mg/kg/day	200 mg/kg x5	
Case 6	C-ILD	Recovery	20 mg/kg for 3 days x1	1.2 mg/kg/day	ND	4.0 mg/kg/day	ND	
Case 7	C-ILD	Recovery	15 mg/kg for 3 days x1	1.84 mg/kg/day	ND	6.0 mg/kg/day	ND	
Case 8	C-ILD	Recovery	ND	2.0 mg/kg/day	ND	ND	ND	Tacrolimus

<sup>a</sup>This dose was for 1 day to up to 3 days; <sup>b</sup>Maximum dose. ILD: interstitial lung disease; RP: rapidly progressive; C-ILD: chronic ILD; mPSL: methylprednisolone pulse therapy; PSL: prednisolone; IVCY: intravenous cyclophosphamide; CSA: cyclosporine; IVIG: intravenous immunoglobulin therapy; ND: not done.

Supplementary Figure



Online supplement to Increased Serum B Cell Activating Factor and a Proliferation-inducing Ligand Are Associated with Interstitial Lung Disease in Patients with Juvenile Dermatomyositis, *The Journal of Rheumatology*, doi:10.3899/jrheum.140977.

**Supplementary Figure Legend. The relationship of BAFF and APRIL to anti-MDA5 and ILD forms.** Serum BAFF and APRIL levels in C-ILD with anti-MDA5, C-ILD with low levels of anti-MDA5 (< 100 U) and RP-ILD with high levels of anti-MDA5 (> 200 U). The horizontal line within boxes represents the median, the upper and lower boundaries of the boxes represent the 75th and 25th percentiles, respectively, and the top and bottom whiskers represent the 95th and 5th percentiles, respectively. Dots represent individual patient cytokine values. Displayed p values were the results from the nonparametric Wilcoxon test. Significant differences are indicated by asterisks. BAFF: B cell activating factor; APRIL: a proliferation-inducing ligand; C-ILD: chronic interstitial lung disease; RP-ILD: rapidly progressive ILD; anti-MDA5: anti-melanoma differentiation-associated gene 5.