

**SUPPLEMENTAL DATA AND METHODS FOR:**

**Anti-inflammatory drugs suppress ultrasound-mediated mesenchymal stromal cell tropism to kidneys**

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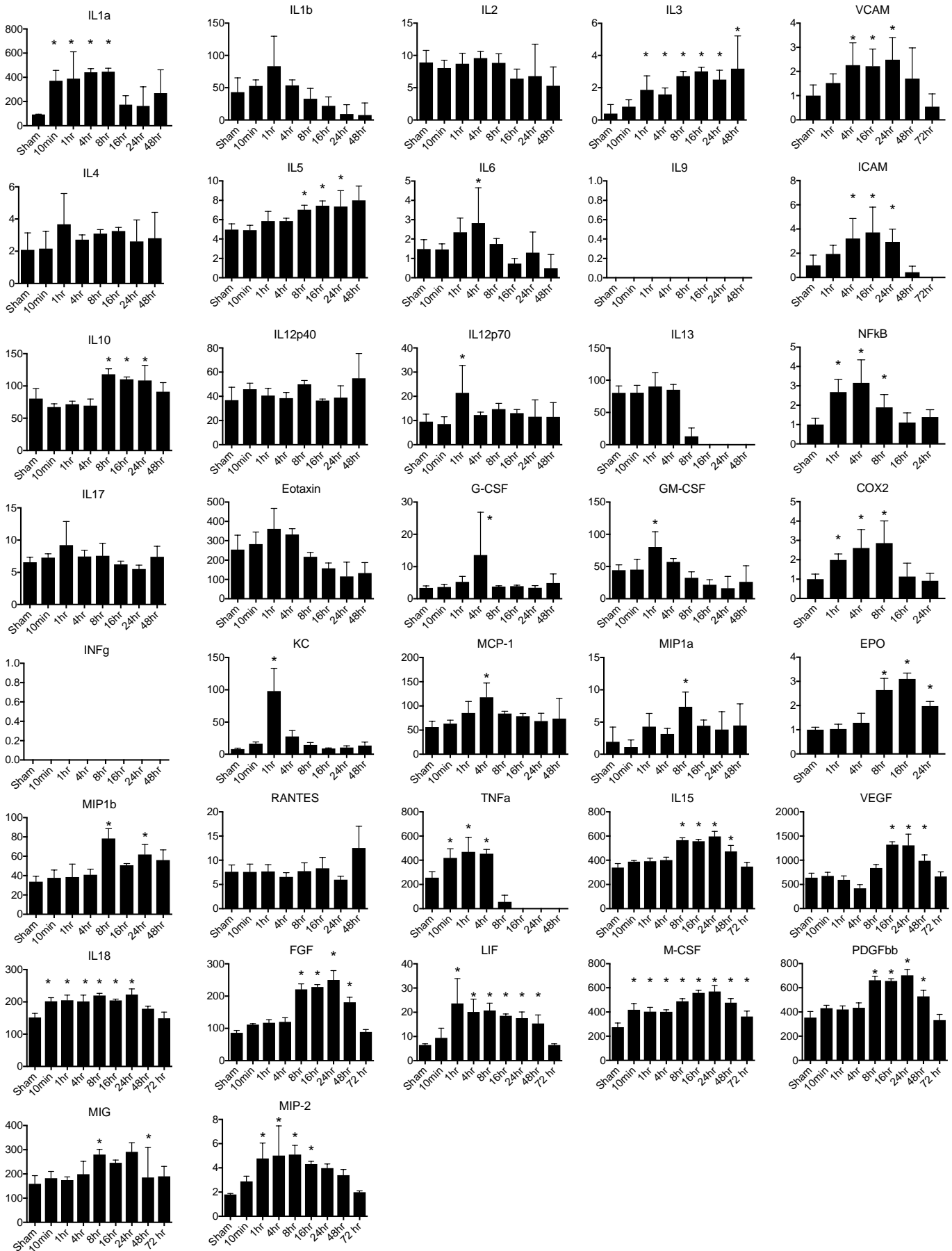
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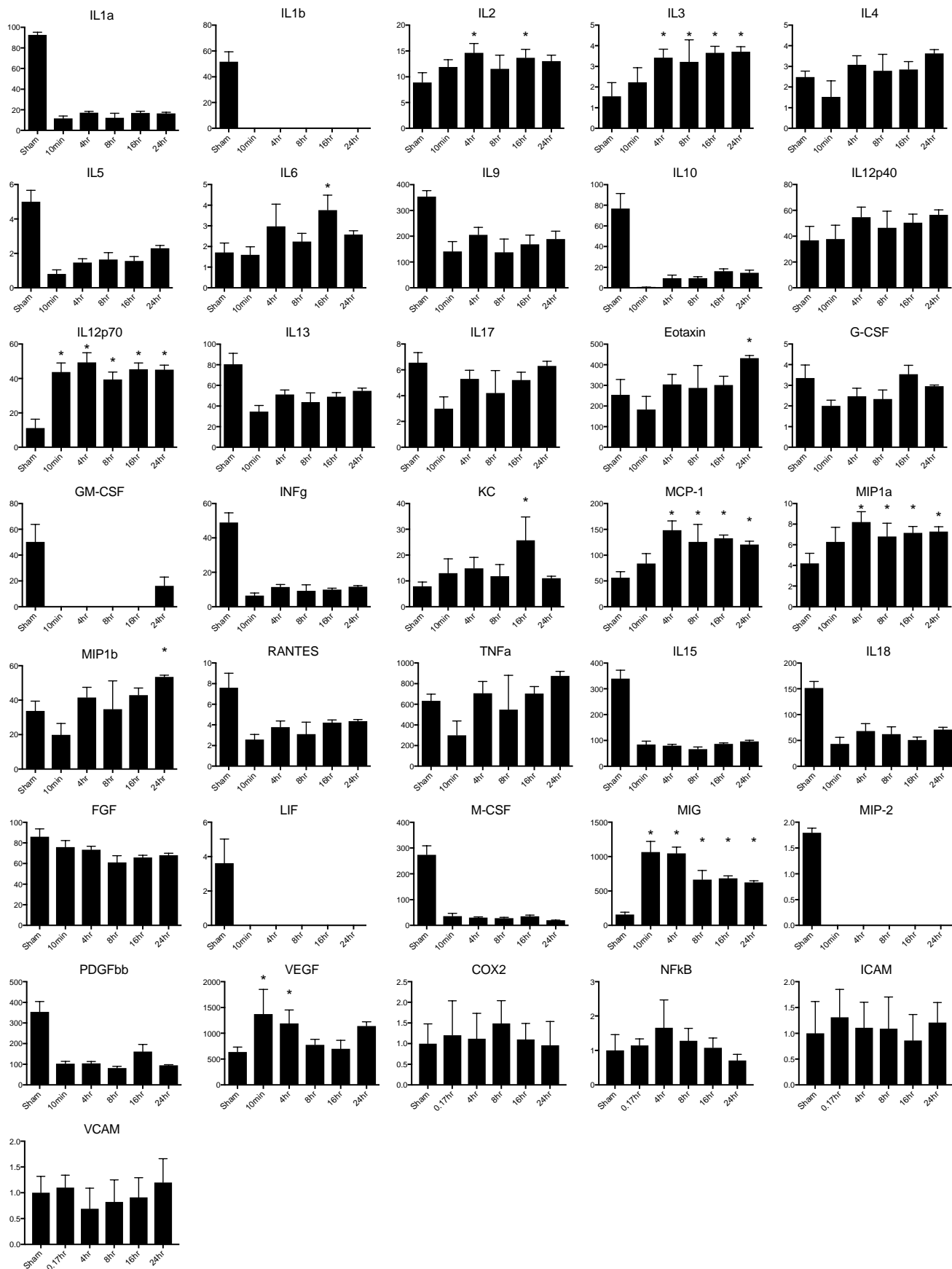
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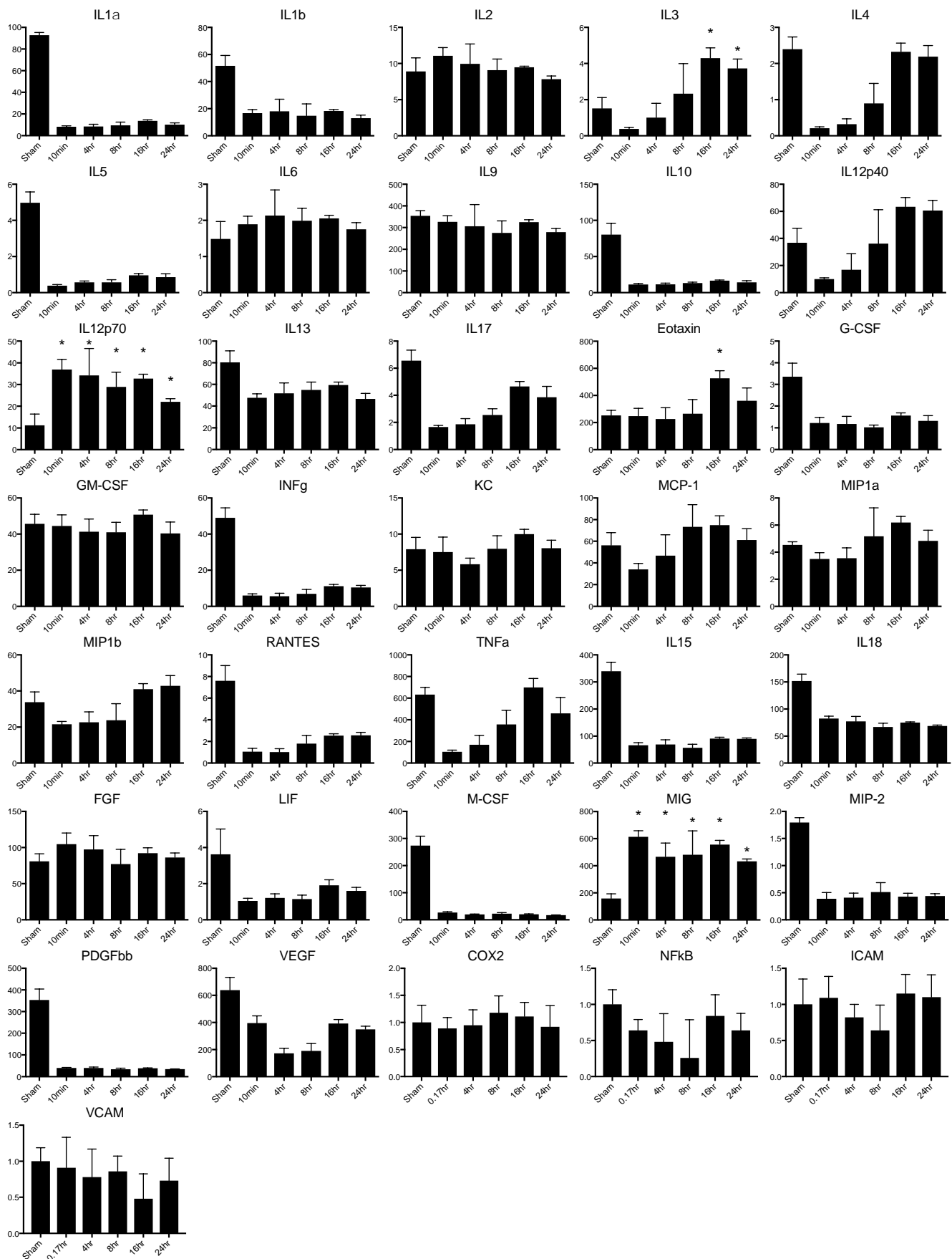
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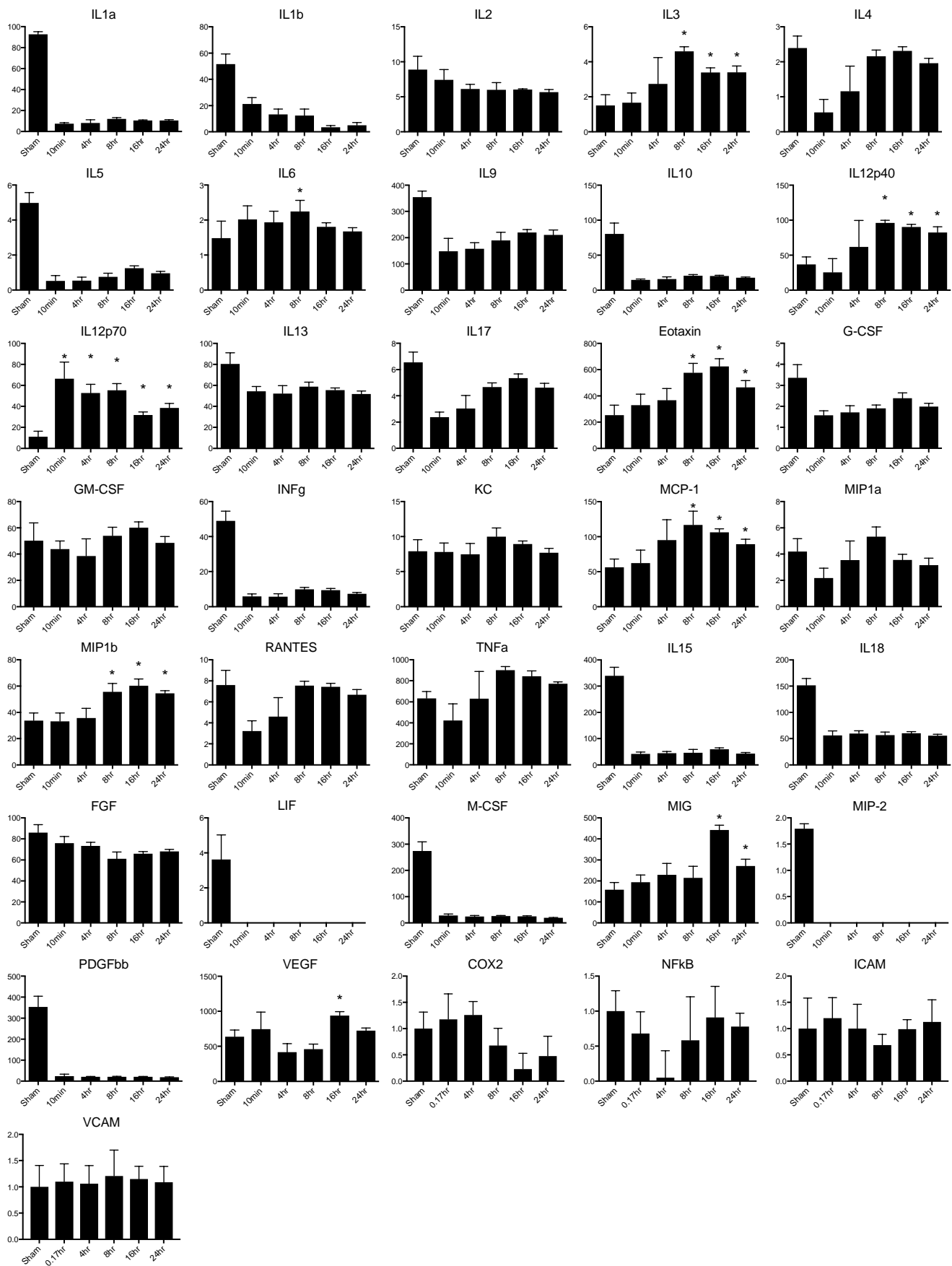
**Supplemental Figure 1.** Temporal changes in cytokines chemokines, trophic factors, and cell adhesion molecules following pFUS to the kidney. Y axes indicate concentration in pg/mL. Asterisks indicate statistically significant increases ( $p < 0.05$ ) from sham (no pFUS) controls by ANOVA using Bonferonni post-hoc analyses.



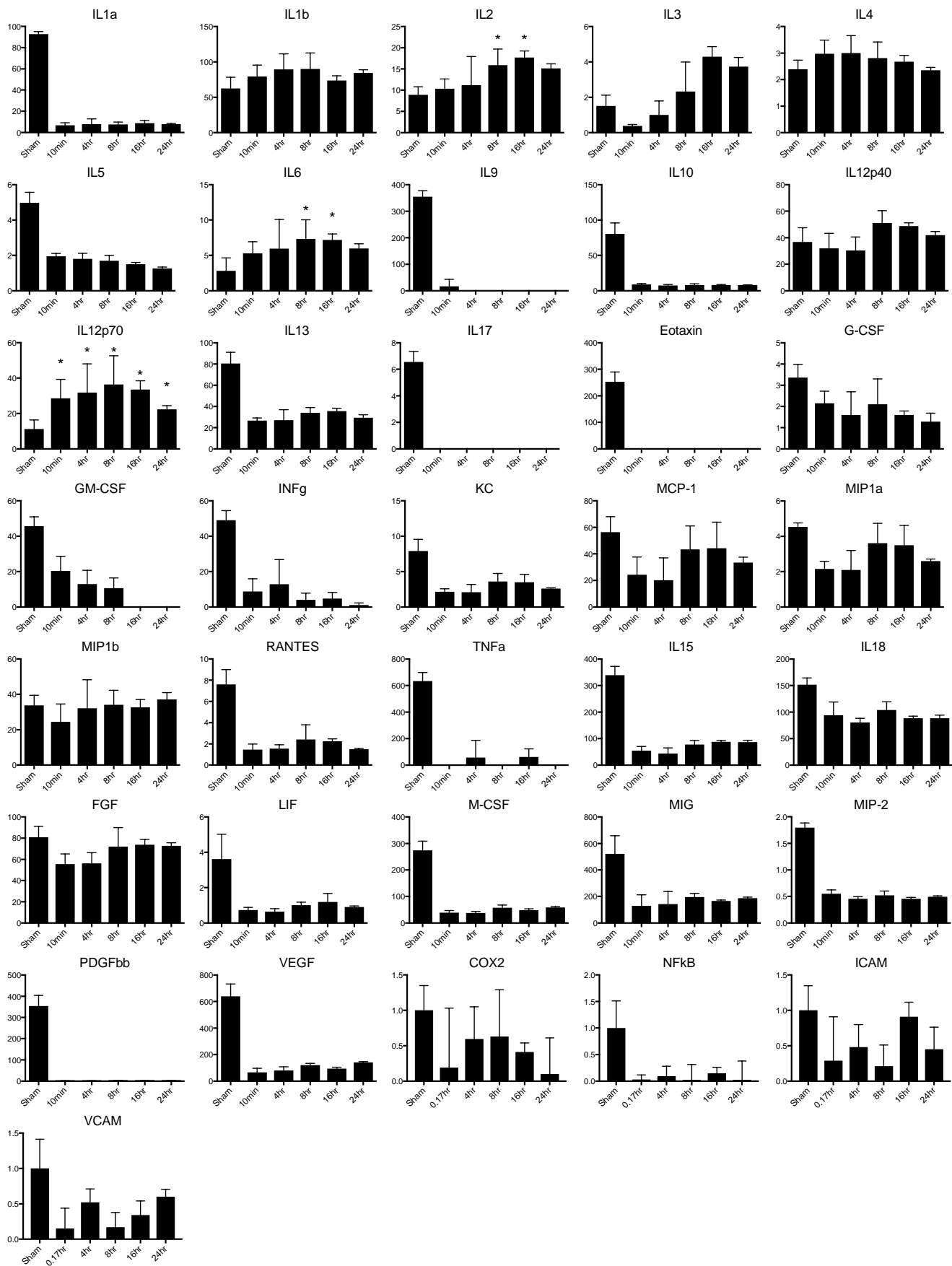
**Supplemental Figure 2.** Temporal changes in cytokines chemokines, trophic factors, and cell adhesion molecules following pFUS to the kidney when mice were pretreated with ibuprofen (see methods for details). Y axes indicate concentration in pg/mL. Asterisks indicate statistically significant increases ( $p < 0.05$ ) from sham (no drugs, no pFUS) controls by ANOVA using Bonferonni post-hoc analyses.



**Supplemental Figure 3.** Temporal changes in cytokines chemokines, trophic factors, and cell adhesion molecules following pFUS to the kidney when mice were pretreated with anakinra (see methods for details). Y axes indicate concentration in pg/mL. Asterisks indicate statistically significant increases ( $p < 0.05$ ) from sham (no drugs, no pFUS) controls by ANOVA using Bonferonni post-hoc analyses.



**Supplemental Figure 4.** Temporal changes in cytokines chemokines, trophic factors, and cell adhesion molecules following pFUS to the kidney when mice were pretreated with etanercept (see methods for details). Y axes indicate concentration in pg/mL. Asterisks indicate statistically significant increases ( $p < 0.05$ ) from sham (no drugs, no pFUS) controls by ANOVA using Bonferonni post-hoc analyses.



**Supplemental Figure 5.** Temporal changes in cytokines chemokines, trophic factors, and cell adhesion molecules following pFUS to the kidney when mice were pretreated with prednisolone (see methods for details). Y axes indicate concentration in pg/mL. Asterisks indicate statistically significant increases ( $p < 0.05$ ) from sham (no drugs, no pFUS) controls by ANOVA using Bonferonni post-hoc analyses.

