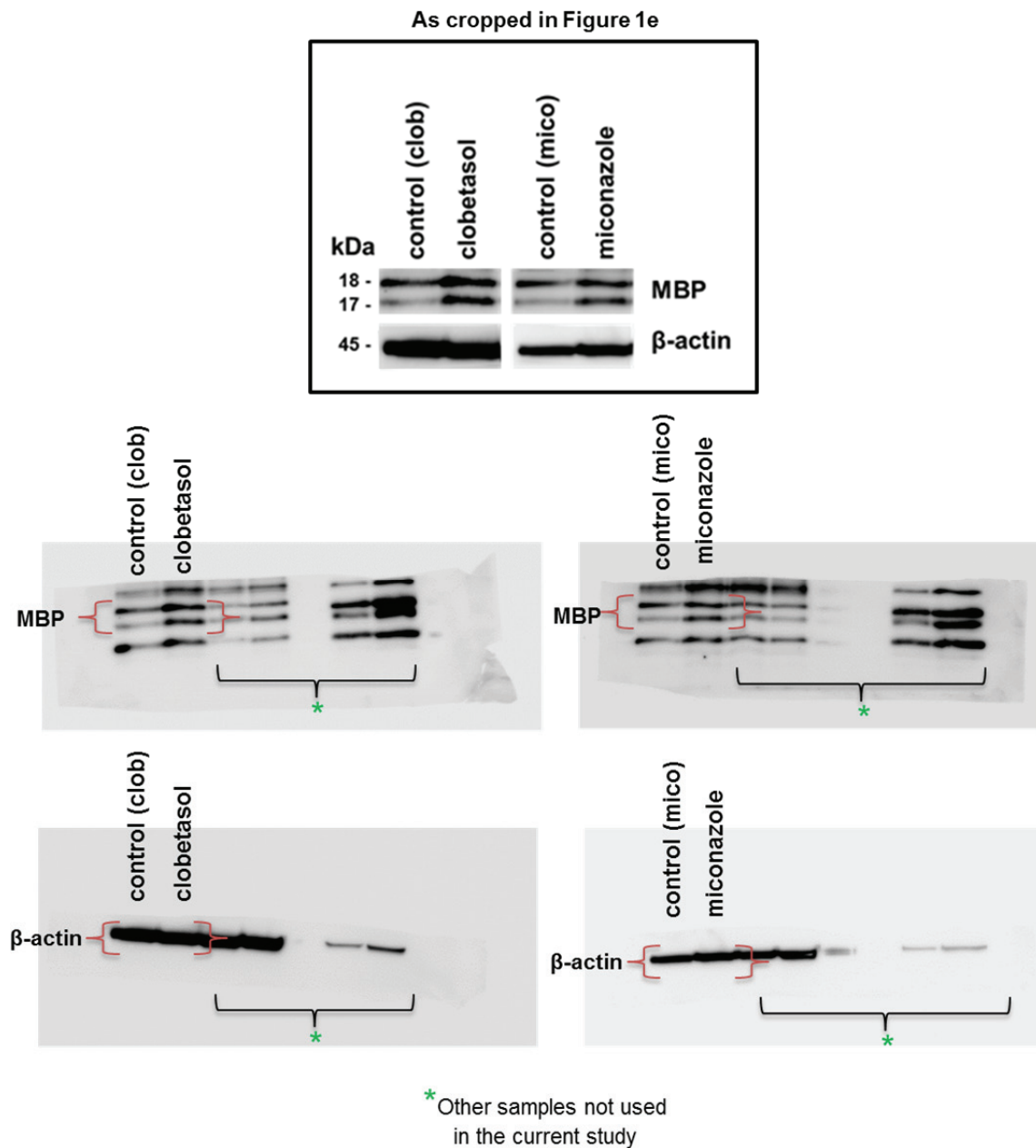
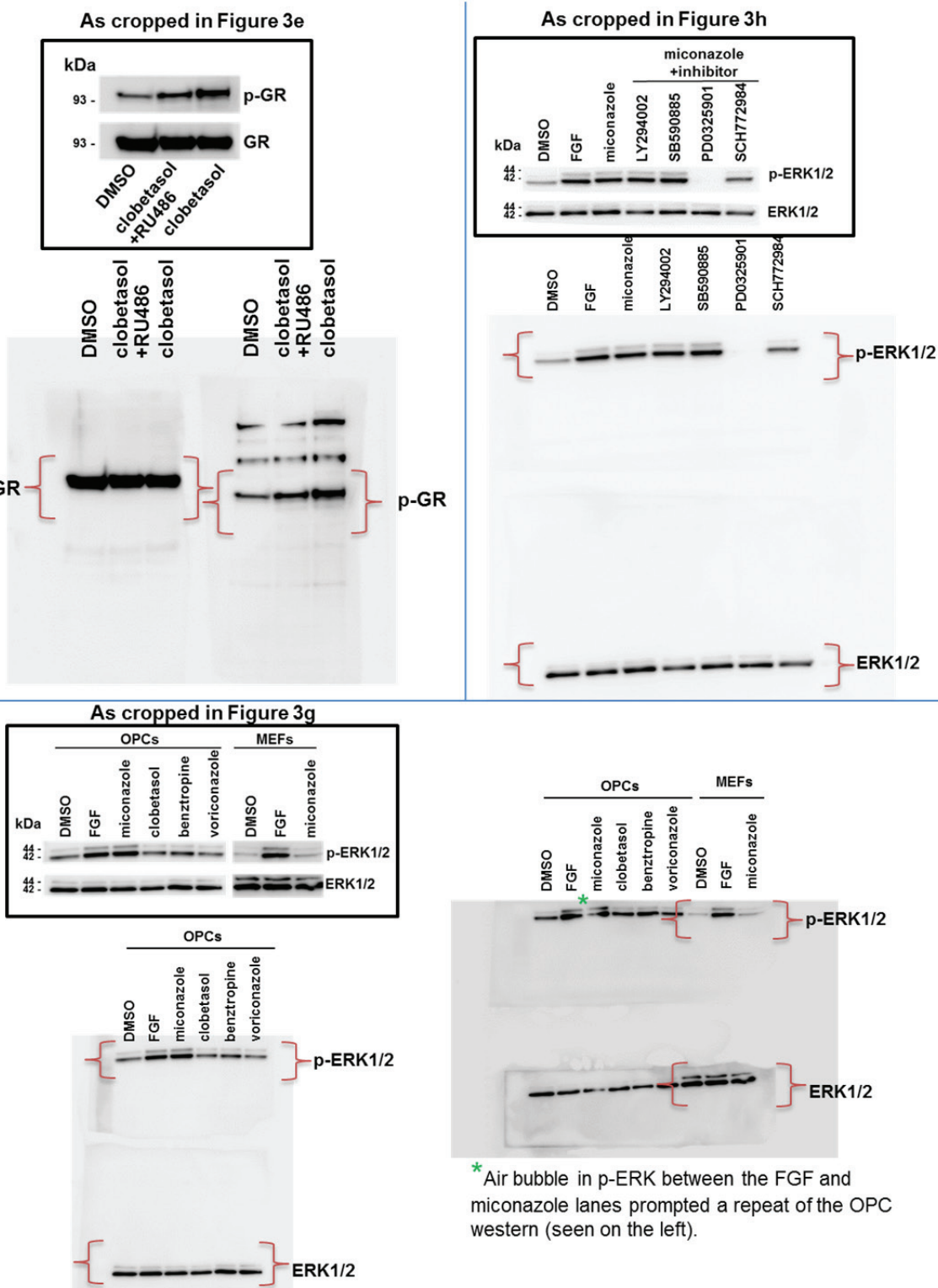


|                      | 1 hour             |                     |       | 6 hours          |                   |       |
|----------------------|--------------------|---------------------|-------|------------------|-------------------|-------|
|                      | Plasma (ng/ml)     | Brain (ng/g)        | Ratio | Plasma (ng/ml)   | Brain (ng/g)      | Ratio |
| clobetasol (10mg/kg) | 772.5 (+/-157.1)   | 134.2 (+/-27.9)     | 0.2   | 352.5 (+/-94.8)  | 55.7 (+/-14.2)    | 0.2   |
| miconazole (10mg/kg) | 499.3 (+/-141.2)   | 1414.8 (+/-278.8)   | 2.8   | 29.1 (+/-4.5)    | 96.6 (+/-6.2)     | 3.3   |
| miconazole (40mg/kg) | 4100.0 (+/-1216.5) | 11429.5 (+/-3060.2) | 2.8   | 363.5 (+/-146.3) | 1510.5 (+/-850.7) | 4.2   |

**Supplementary Table 1. Miconazole and clobetasol cross the blood brain barrier.** Blood brain barrier permeability of miconazole and clobetasol in C57BL/6 adult female mice 1 hour and 6 hours after i.p. injection. Ratio listed is brain (ng/ml) to plasma (ng/g). Values are mean ± SD. n = 4 animals per condition.



**Supplementary Figure 1. Full scans of western blots from Figure 1.** The cropped western blots as they appear in Figure 1e are shown along with the full uncropped originals.



**Supplementary Figure 2. Full scans of western blots from Figure 3.** The cropped western blots as they appear in Figure 3e, g, h are shown along with the full uncropped originals.