Supplemental Material

Factor Xa inhibition with apixaban does not influence cardiac remodeling in rats with heart failure after myocardial infarction

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Supplementary Tables

Supplementary table S1. List of primers for qRT-PCR.

| Genes   | Forward primer sequence     | Reverse primer sequence     |
|---------|----------------------------|----------------------------|
| ANP     | ATGGGCTCTTTTCCATCAC         | TCTACCGGCATCTTCTCCTC        |
| BNP     | ACAATCCAGATGCAGAAGCT        | GGGCCTTGCTCCTTGGAGA         |
| α-MHC   | GACAACTCCTCCCGCTTTGG        | AAGATCACCCGGGACTTCTC        |
| β-MHC   | TCTGGAGGCCTTTGGCAATG        | GATGCCAACCTCTGTTGCG         |
| COL1A1  | ACAGCGTAGGCTACATGG          | AAGTCCGCTGGTGACTCG          |
| TIMP1   | AGAGCCTCTGTGGATATGTC        | CTCAGATTATGCCCAGGAAC        |
| 36B4    | GTTGCCTCACGGCTCCTC          | GCAGCCGCAAATGCGATGG         |

ANP, atrial natriuretic peptide; BNP, brain natriuretic peptide; α-MHC, alpha-myosin heavy chain; β-MHC, alpha-myosin heavy chain; COL1A1, alpha-1 type I collagen; TIMP1, tissue inhibitor matrix metalloproteinase 1; 36B4, acidic ribosomal protein 36B4.
Supplementary table S2. List of primary antibodies for Western blot.

| Antibody      | Species/Clonality | Source (Catalog No.)       |
|---------------|-------------------|---------------------------|
| phosphorylated-Akt | Rabbit/Monoclonal | Cell signaling (#4060)    |
| Akt           | Rabbit/Monoclonal | Cell signaling (#4691)    |
| PAR1          | Mouse/Monoclonal  | Santa Cruz (sc-13503)     |
| GAPDH         | Mouse/Monoclonal  | Fitzgerald (10R-G109A)    |

ERK, Extracellular signal–regulated kinases; Akt, Protein Kinase B; PAR1, Protease-activated receptor; GAPDH, Glyceraldehyde 3-phosphate dehydrogenase
Supplementary Figure

Figure S1

Figure S1. Urinary red blood cells measurements using dipstick analysis. Veh. vehicle; apix. apixaban; MI. myocardial infarction.