

630 expression post-CP/CPB-ND and post-CPB-DM; * P <0.05 vs. pre-CP/CPB-ND or pre-
631 CP/CPB-DM, #P <0.05 vs. post-CP/CPB-ND; D, Immunoblot quantification shows
632 significantly increased V1B receptor expression post-CP/CPB-DM, *P <0.05 vs. pre-
633 CP/CPB-ND or pre-CP/CPB-DM, #P <0.05 vs. post-CP/CPB-ND, n = 6/group, mean ±
634 SD.

635 Figure 4. A, Immunohistochemical image of V1A receptors in paraffin-embedded human
636 atrial tissue slides from non-diabetic (ND) and diabetes (DM) patients. B, Densitometric
637 analysis of signal intensities, C, Immunofluorescence staining of V1B receptors in the
638 embedded human atrial tissue slides from the ND and DM patients before and after
639 CP/CPB. D, Densitometric analysis of signal intensities. *P<0.05 vs. pre-CP/CP-DM, #P
640 < 0.05 vs. post-CP/CPB-ND; n = 5/group, mean ± SD.

641 Video Legend: Vasopressin increased coronary arteriolar contraction in patients with
642 diabetes after cardiac surgery.

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