



**Figure S1: Example of an atrial arrhythmic episode triggered by burst pacing in a conscious C57Bl/6 mice.** *Left:* Baseline ECG and atrial-unipolar recordings. *Middle:* Standard burst pacing protocol (20 seconds, 100 Hz, double threshold). *Right:* Post-burst recordings of a regular arrhythmic episode and its conversion to sinus rhythm (arrow).