

Low-Temperature Storage Improves the Over-Time Stability of Implantable Glucose and Lactate Biosensors

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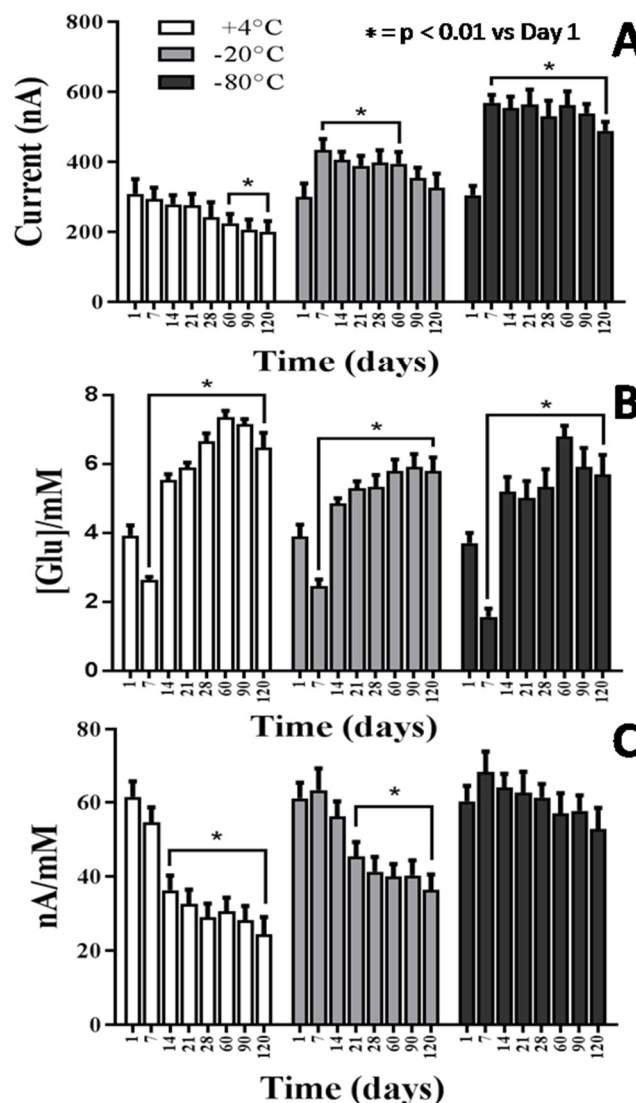


Figure S1. Bar chart describing the variations of V_{MAX} (Panel A, white bars), K_M (Panel B, light gray bars) and LRS (Panel C, dark gray bars) of GB1 design Pt/PPD/[PEI(0.5%)-GOx]₅/PU(5%) in the defined range of 120 days. Values are expressed as mean ± SEM. *p<0.01 vs Day 1.

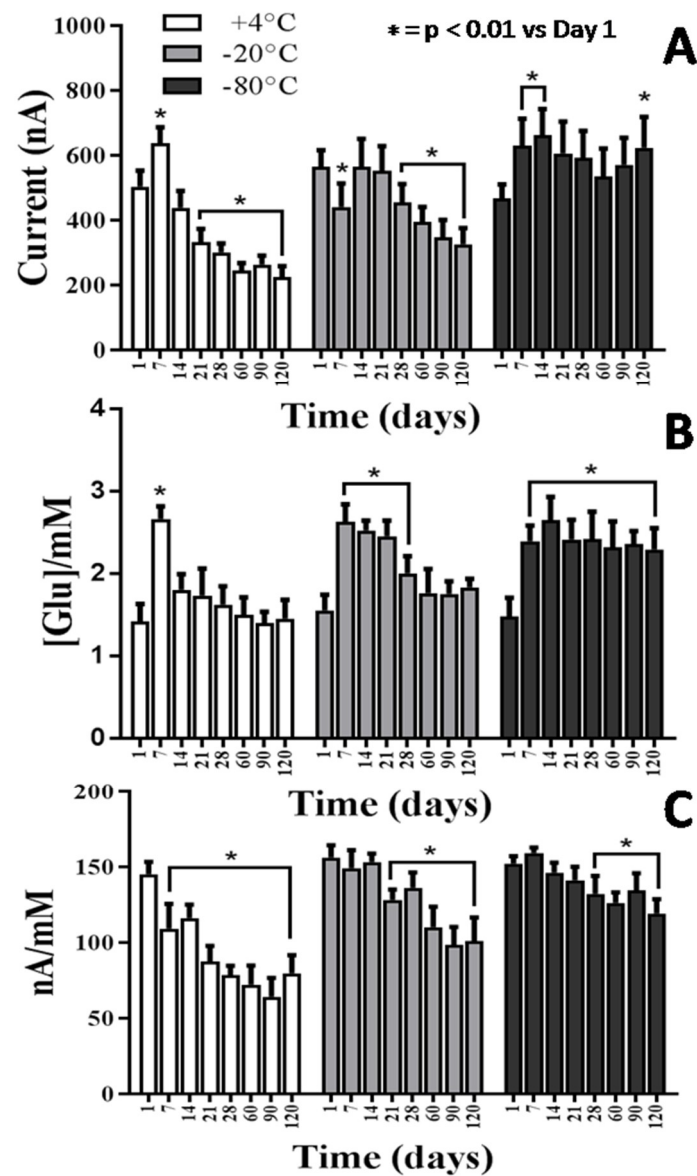


Figure S2. Bar chart describing the variations of V_{MAX} (Panel A, white bars), K_{M} (Panel B, light gray bars) and LRS (Panel C, dark gray bars) of GB2 design Pt/PPD/[PEI(0.5%)-GOx]₅/GTA(1%)-BSA (2%) in the defined range of 120 days. Values are expressed as mean \pm SEM. * $p < 0.01$ vs Day 1.

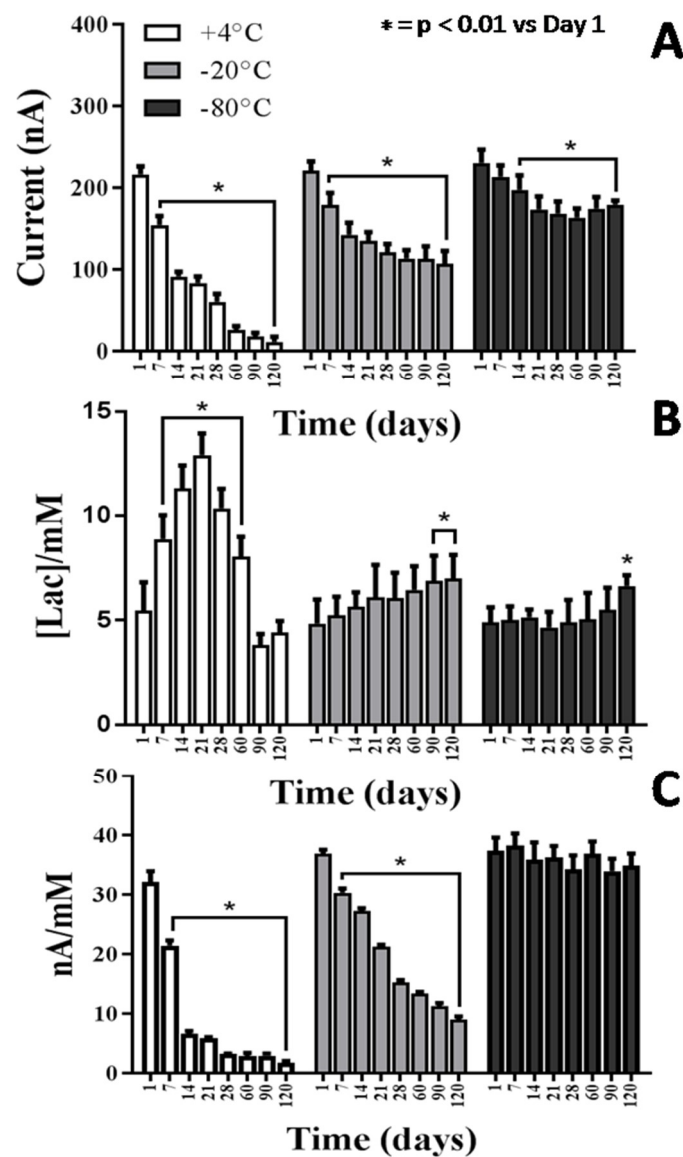


Figure S3. Bar chart describing the variations of V_{MAX} (Panel A, white bars), K_M (Panel B, light gray bars) and LRS (Panel C, dark gray bars) of LB1 design Pt₂/PPD/[PEI(0.5%)-LOX]₅/GTA(1%)-BSA (2%) in the defined range of 120 days. Values are expressed as mean \pm SEM. * $p < 0.01$ vs Day 1.

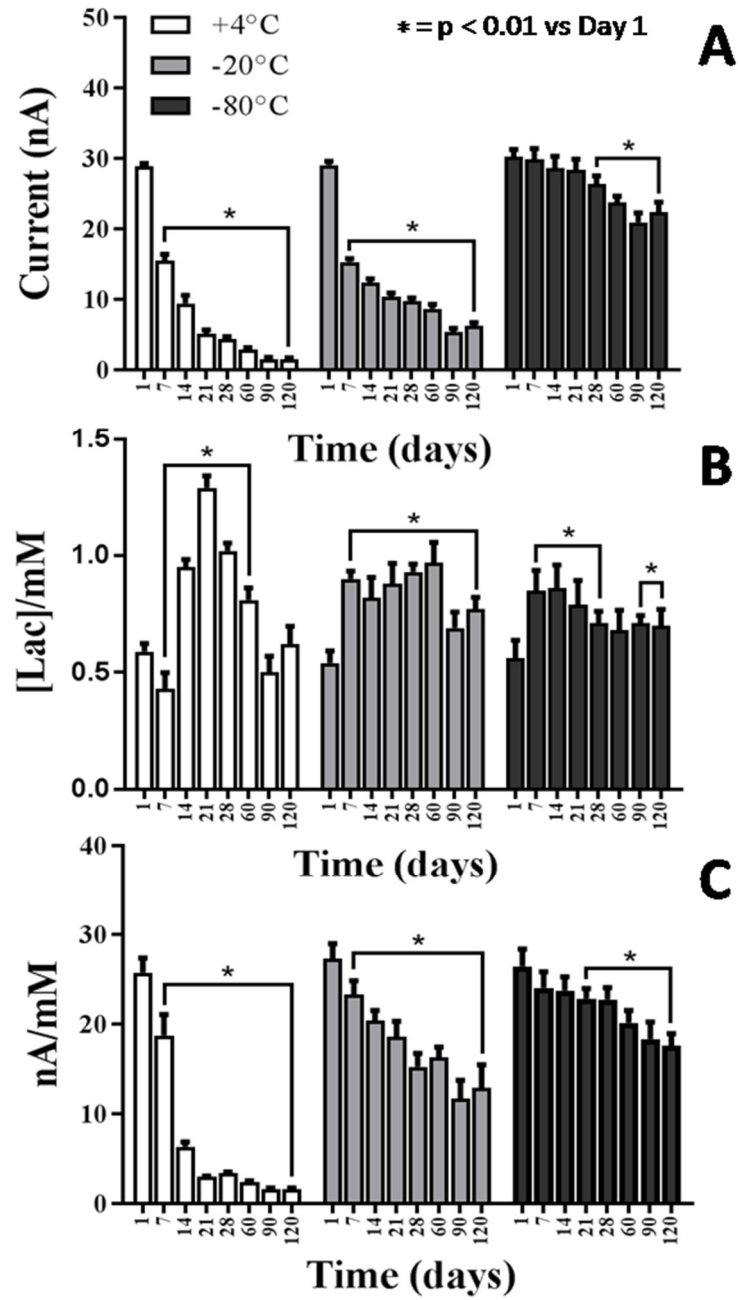


Figure S4. Bar chart describing the variations of V_{MAX} (Panel A, white bars), K_{M} (Panel B, light gray bars) and LRS (Panel C, dark gray bars) of LB2 design Pt₆/PPD/[PEI(0.5%)-LOx]₅/GTA(1%)-BSA (2%) in the defined range of 120 days. Values are expressed as mean \pm SEM. * $p < 0.01$ vs Day 1.