

Supplementary Materials: Organic Electrochemical Transistor Microplate for Real-Time Cell Culture Monitoring

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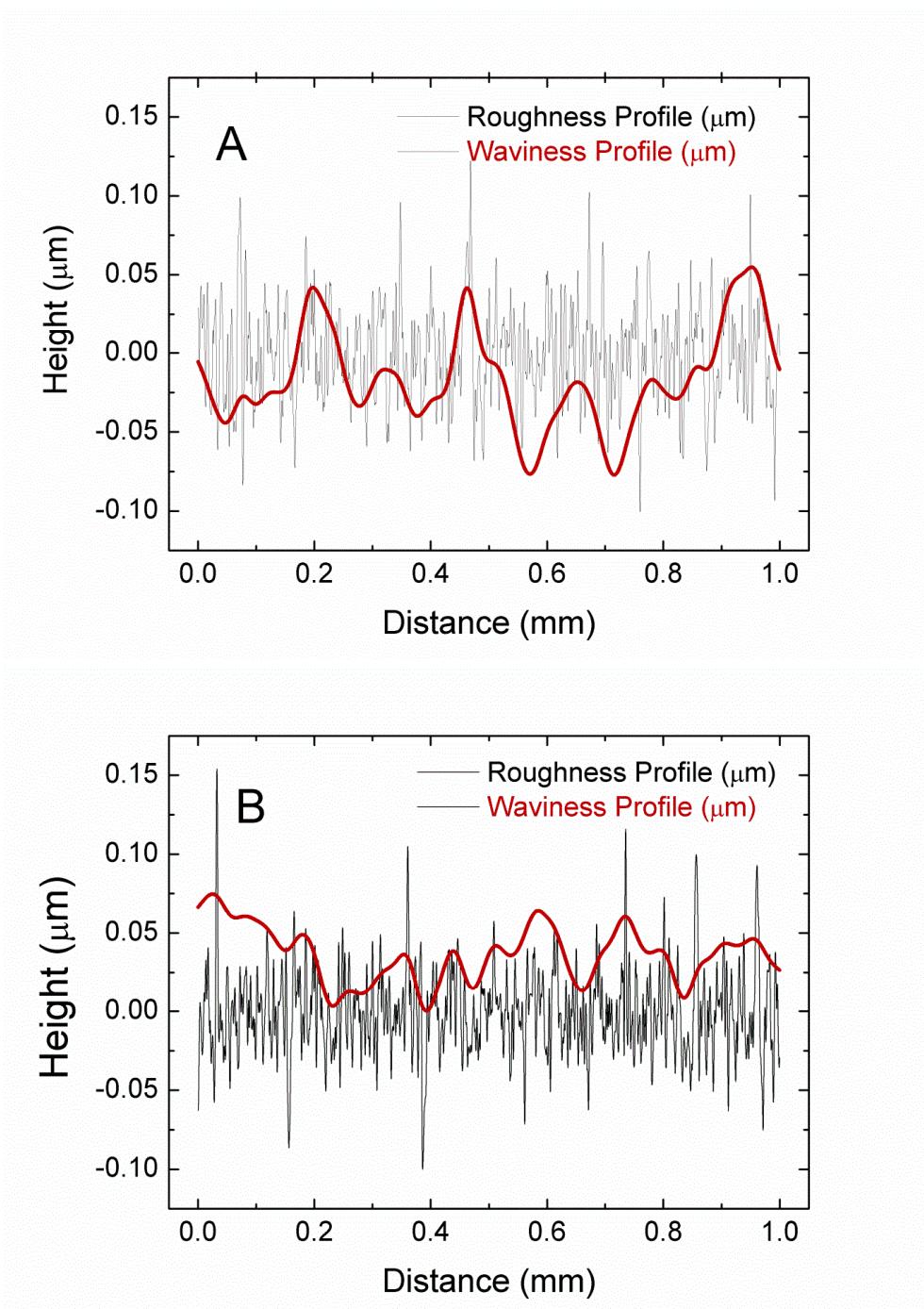


Figure S1. Profile of screen printed PEDOT:PSS layer Clevios SV3. The comparison of the profile of the resulting layer (**A**) using non stirred (as obtained) and (**B**) stirred paste. (The record from the profilometer DektakXT (Bruker)).



Figure S2. Profile of screen printed PEDOT:PSS layer Clevios SV3. The comparison of the profile of the resulting layer (A) using non-stirred (as obtained) and (B) stirred paste. (The record from the profilometer DetakXT (Bruker)).

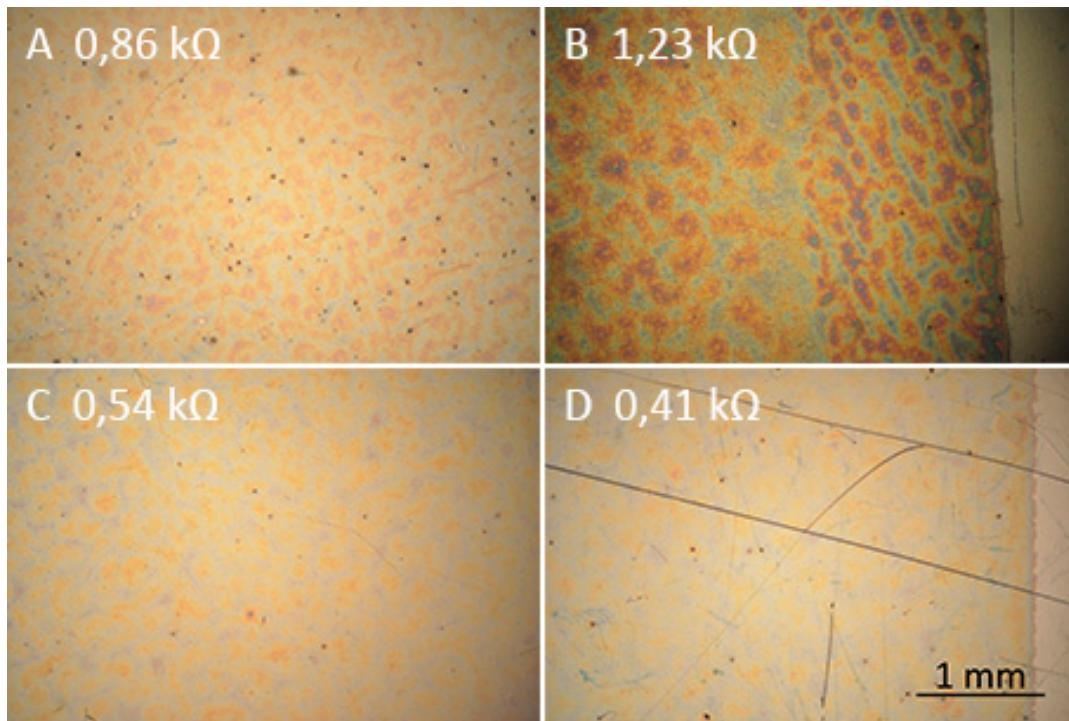


Figure S3. Screen printed layers with channel resistances of stirred PEDOT:PSS paste Clevios SV3 (A) non stirred, (B) stirred 30 min. (C) stirred 2 hours, (D) stirred 3 days.

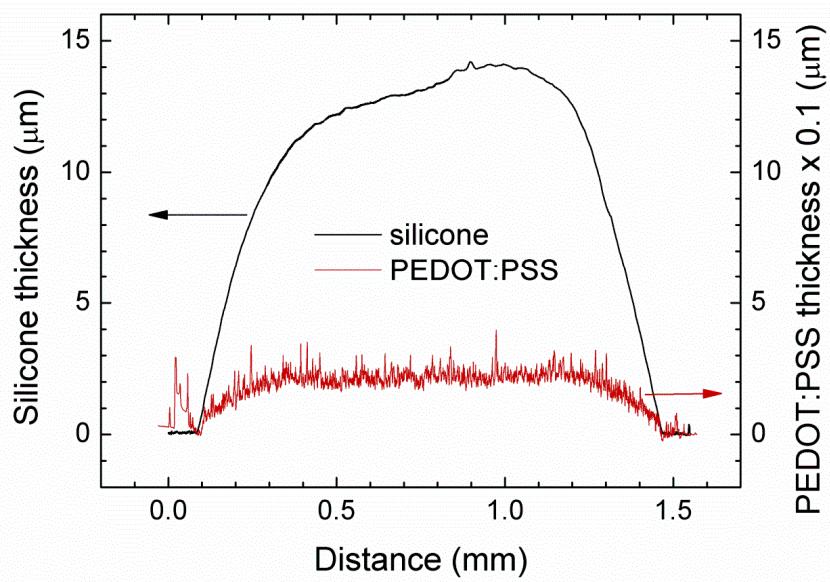


Figure S4. Thickness and roughness of screen printed PEDOT:PSS and silicone layers.

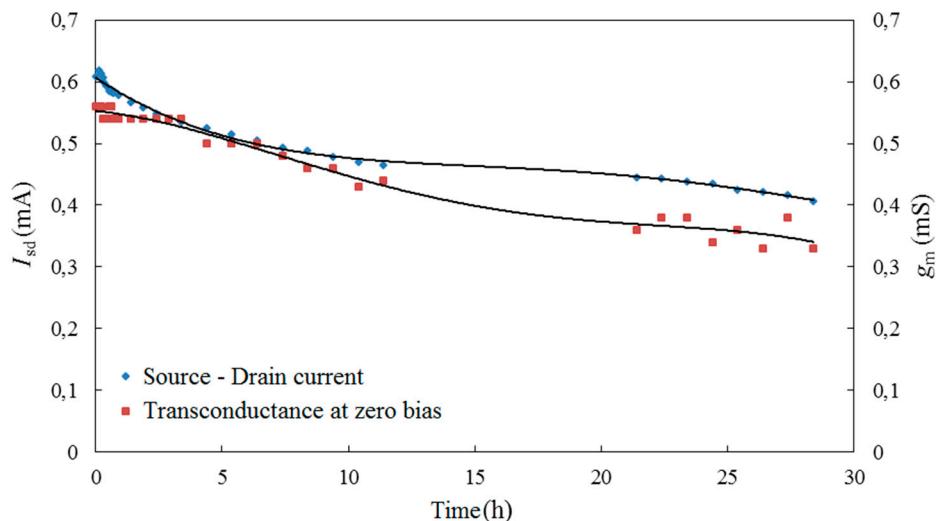


Figure S5. PEDOT:PSS OECT degradation at $V_{ds} = -0,735$ V and $V_{gs} = 0$ V in PBS solution.