

Modulating pro-adhesive nature of metallic surfaces through a polypeptide coupling via diazonium chemistry: Supporting Information

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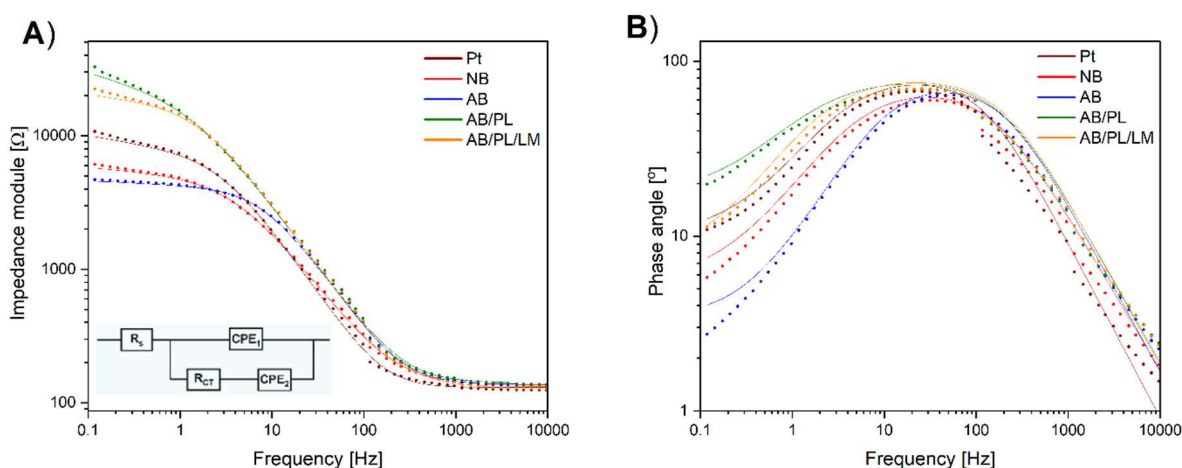


Figure S1. EIS data in the form of Bode plots: impedance modulus vs. frequency (inset: modified Randles circuit) (A); phase angle vs. frequency (B). Experimental data are represented by dots, results from fitting are represented by lines.

Table S1. Summary of electrical properties of modified layers evaluated from the analysis of EIS data with the use of an equivalent circuit model: R_s – solution resistance, R_{CT} – charge transfer resistance, P_1, n_1 – parameters referring to a constant phase element (CPE_1), P_2, n_2 – parameters referring to a constant phase element (CPE_2).

	R_s	R_{CT}	$P_1 \cdot 10^6$	n_1	$P_2 \cdot 10^4$	n_2	Goodness of fit (%)
Pt	130 ± 5	1000 ± 495	7.65 ± 0.44	0.99 ± 0.01	1.17 ± 0.08	0.11 ± 0.03	9.4
NB	136 ± 4	3104 ± 212	11.81 ± 0.48	0.89 ± 0.01	3.99 ± 0.44	0.11 ± 0.04	6.4
AB	137 ± 3	3345 ± 134	5.91 ± 0.22	0.96 ± 0.01	9.30 ± 1.67	0.13 ± 0.06	5.8
AB/PL	141 ± 6	9932 ± 1911	6.68 ± 0.36	0.93 ± 0.01	0.05 ± 0.01	0.23 ± 0.06	10.1
AB/PL/LM	132 ± 6	2000 ± 1340	6.14 ± 0.34	0.95 ± 0.01	0.55 ± 0.05	0.07 ± 0.03	10.2