

Poly(2-methoxyethyl acrylate) (PMEA)-coated anti-platelet adhesive surfaces to mimic native blood vessels through HUVECs attachment, migration, and monolayer formation

Md Azizul Haque ^{1,2}, Daiki Murakami ^{1,3,*}, Takahisa Anada ^{1,3} and Masaru Tanaka ^{1,3,*}

¹ Department of Chemistry and Biochemistry, Graduate School of Engineering, Kyushu University, 744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan; md.azizul.haque.509@s.kyushu-u.ac.jp (A.H.); daiki_murakami@ms.ifoc.kyushu-u.ac.jp (D.M.); takahisa_anada@ms.ifoc.kyushu-u.ac.jp (T.A.); masaru_tanaka@ms.ifoc.kyushu-u.ac.jp (M. T.)

² Department of Applied Chemistry and Chemical Engineering, Noakhali Science and Technology University, Noakhali-3814, Bangladesh; mahaque.nstu@edu.bd (A.H.)

³ Institute for Materials Chemistry and Engineering, Kyushu University, 744 Motooka, Nishi-ku, Fukuoka 819-0395, Japan; daiki_murakami@ms.ifoc.kyushu-u.ac.jp (D.M.); takahisa_anada@ms.ifoc.kyushu-u.ac.jp; masaru_tanaka@ms.ifoc.kyushu-u.ac.jp (M. T.)

* Correspondence: daiki_murakami@ms.ifoc.kyushu-u.ac.jp (D.M.); masaru_tanaka@ms.ifoc.kyushu-u.ac.jp (M. T.); Tel./Fax: +81-92-802-6238 (D.M & M.T.)

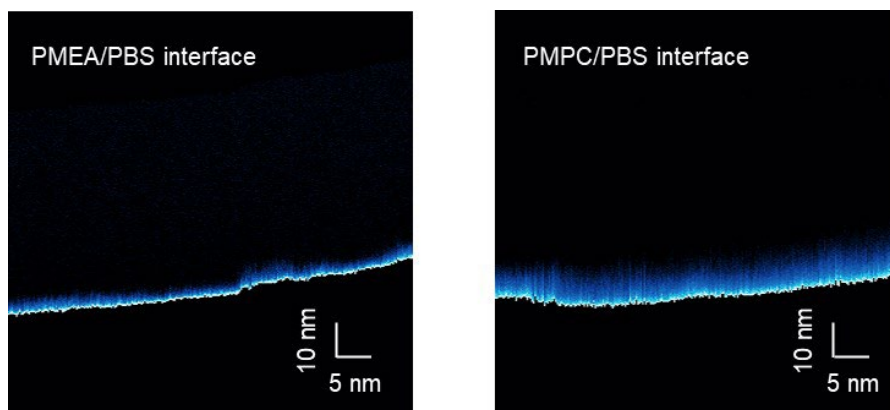


Figure S1. Images of FM-AFM z–x scan on (left) PMEA/PBS and (right) PMPC/PBS interface.