

Supplementary Materials

Article

# Bioactive PEEK: Surface Enrichment of Vitronectin-Derived Adhesive Peptides

Leonardo Cassari <sup>1</sup>, Annj Zamuner <sup>2</sup>, Grazia M. L. Messina <sup>3</sup>, Martina Marsotto <sup>4</sup>, Hongyi Chen <sup>5</sup>, Giovanni Gonella <sup>6</sup>, Trevor Coward <sup>6</sup>, Chiara Battocchio <sup>4</sup>, Jie Huang <sup>5</sup>, Giovanna Iucci <sup>4</sup>, Giovanni Marletta <sup>3</sup>, Lucy Di Silvio <sup>6</sup> and Monica Dettin <sup>1,\*</sup>

<sup>1</sup> Department of Industrial Engineering, University of Padova, Via Marzolo 9, 35131 Padova, Italy; leonardo.cassari@phd.unipd.it

<sup>2</sup> Department of Civil, Environmental, and Architectural Engineering, University of Padova, Via Marzolo 9, 35131 Padova, Italy; annj.zamuner@unipd.it

<sup>3</sup> Laboratory for Molecular Surface and Nanotechnology (LAMSUN), Department of Chemical Sciences, University of Catania and CSGI, Viale A. Doria, 6, 95125 Catania, Italy; gml.messina@unict.it (G.M.L.M.); gmarletta@unict.it (G.M.)

<sup>4</sup> Department of Science, Roma Tre University, Via della Vasca Navale 79, 00146 Roma, Italy; martina.marsotto@uniroma3.it (M.M.); chiara.battocchio@uniroma3.it (C.B.); giovanna.iucci@uniroma3.it (G.I.)

<sup>5</sup> Department of Mechanical Engineering, University College London, London WC1E 6BT, UK; hongyi.chen.16@ucl.ac.uk (H.C.); jie.huang@ucl.ac.uk (J.H.)

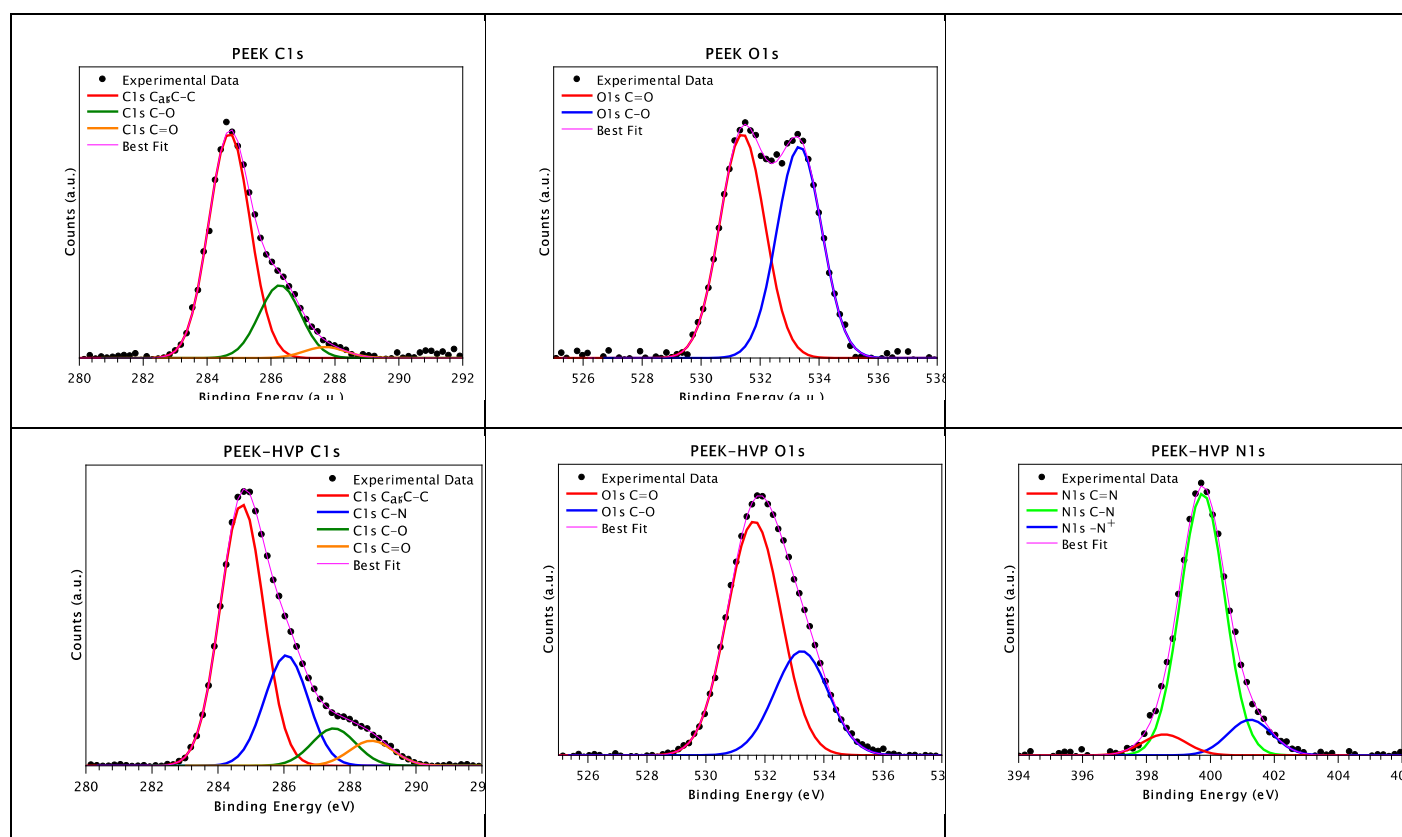
<sup>6</sup> Faculty of Dentistry, Oral & Craniofacial Sciences, King's College London, London SE1 9RT, UK; giovanni.gonnella@kcl.ac.uk (G.G.); trevor.coward@kcl.ac.uk (T.C.); lucy.di\_silvio@kcl.ac.uk (L.D.S.)

\* Correspondence: monica.dettin@unipd.it; Tel.: +39-049-8275553

**Table S1.** XPS results.

Sample	Signal	Assignment	BE (eV)	FWHM	Internal Atomic ratios (%)	Atomic ratios
PEEK	C1s	C <sub>ar</sub> , C-C	284.7	1.52	73	0.61
		C-N, C-O	286.3		23	0.19
		C=O	287.7		4	0.03
	O1s	C=O	531.4	1.79	51	0.08
		C-O	533.4		49	0.08
PEEK-HVP	C1s	C <sub>ar</sub> , C-C	284.7	1.56	60	0.41
		C-N	286.0		25	0.17
		C-O	287.5		9	0.06
		C=O	288.7		6	0.04

	N1s	C=N	398.6	1.63	7	0.005
		C-N	399.8		82	0.07
		-N <sup>+</sup>	401.2	.	11	0.009
	O1s	C=O	531.6	2.15	69	0.16
		C-O	533.2		31	0.07
PEEK-D2HVP	C1s	C <sub>ar</sub> , C-C	284.7	1.52	75	0.60
		C-N	286.1		17	0.14
		C-O	287.5		5	0.04
		C=O	288.4		3	0.02
	N1s	C=N	398.2	1.58	10	0.007
		C-N	399.7		74	0.05
		-N <sup>+</sup>	400.7	.	16	0.01
	O1s	C=O	531.4	2.11	72	0.095
		C-O	532.9		28	0.037



**Figure S1.** XPS spectra and peak fit results of sample PEEK and PEEK-HVP

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