

Supplementary information

Functionalization of 3D printed polymeric bioresorbable stents with a dual cell-adhesive peptidic platform combining RGDS and YIGSR sequences

Victor Chausse^{a,b,c}, Carlos Mas-Moruno^{a,b,c}, Helena Martin-Gómez^{a,b,c},
Marc Pino^d, Maribel Díaz-Ricart^d, Ginés Escolar^d, Maria-Pau Ginebra^{a,b,e}
and Marta Peguerols^{a,b,c,*}

^a *Biomaterials, Biomechanics and Tissue Engineering Group, Department of Materials Science and Engineering, and Research Centre for Biomedical Engineering (CREB), Universitat Politècnica de Catalunya (UPC), EEBE, 08019 Barcelona, Spain*

^b *Barcelona Research Center in Multiscale Science and Engineering, UPC, Eduard Maristany, 10-14, 08019 Barcelona, Spain*

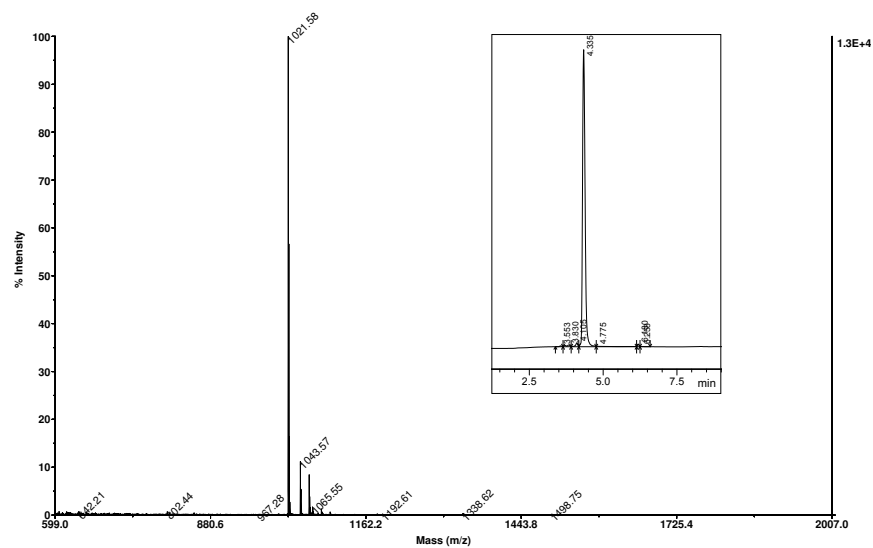
^c *Institut de Recerca Sant Joan de Déu, Santa Rosa 39-57, 08950 Esplugues de Llobregat, Spain*

^d *Hematopathology, Pathology Department, Centre de Diagnòstic Biomèdic, Institut d'Investigacions Biomèdiques August Pi i Sunyer, Hospital Clínic, Universitat de Barcelona, 08036 Barcelona, Spain*

^e *Institute for Bioengineering of Catalonia (IBEC), 08028 Barcelona, Spain*

* Corresponding author: Marta Peguerols, PhD; marta.peguerols@upc.edu;
Phone: 0034 934054154; Universitat Politècnica de Catalunya, Department of Materials Science and Engineering, Av. Eduard Maristany, 10-14, 08019 Barcelona, Spain.

RGDS



CF-RGDS

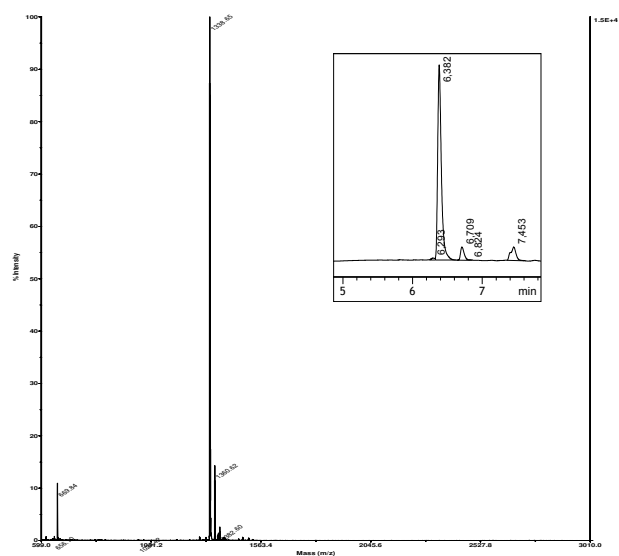
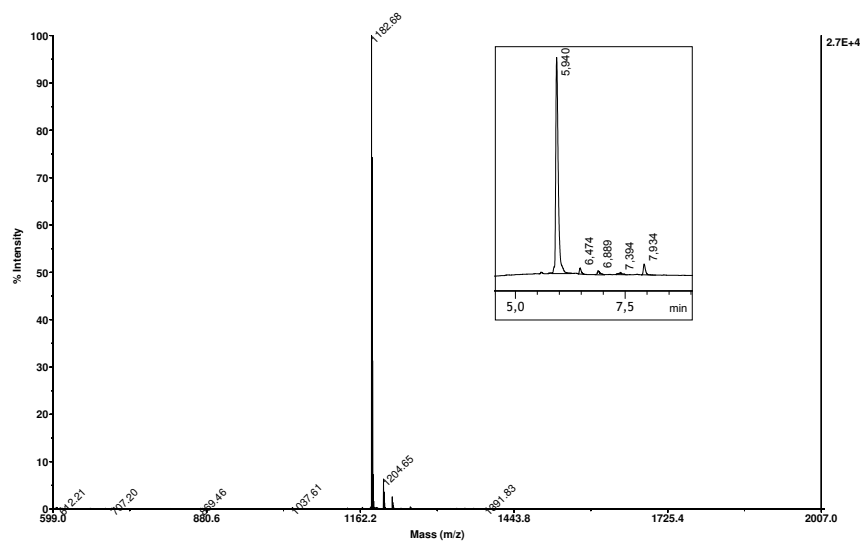


Figure S1: MALDI-TOF spectra and HPLC chromatograms of linear RGDS peptides.

YIGSR



CF-YIGSR

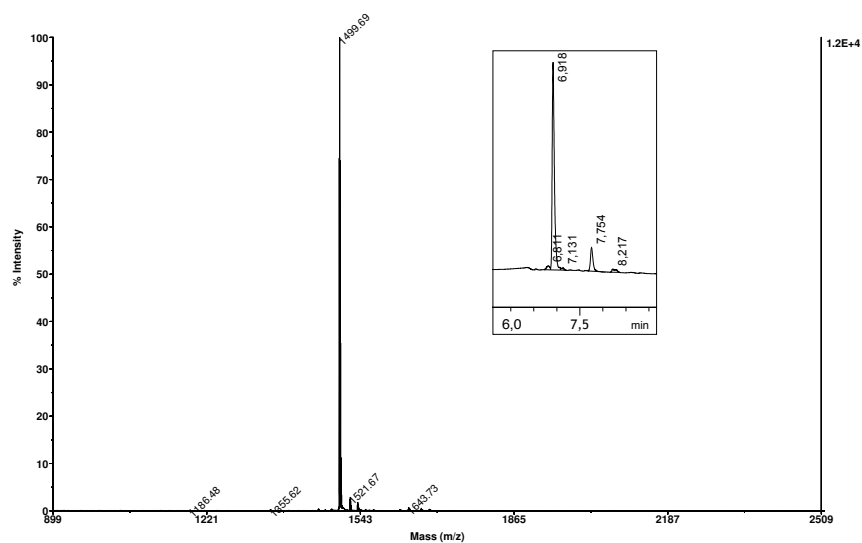
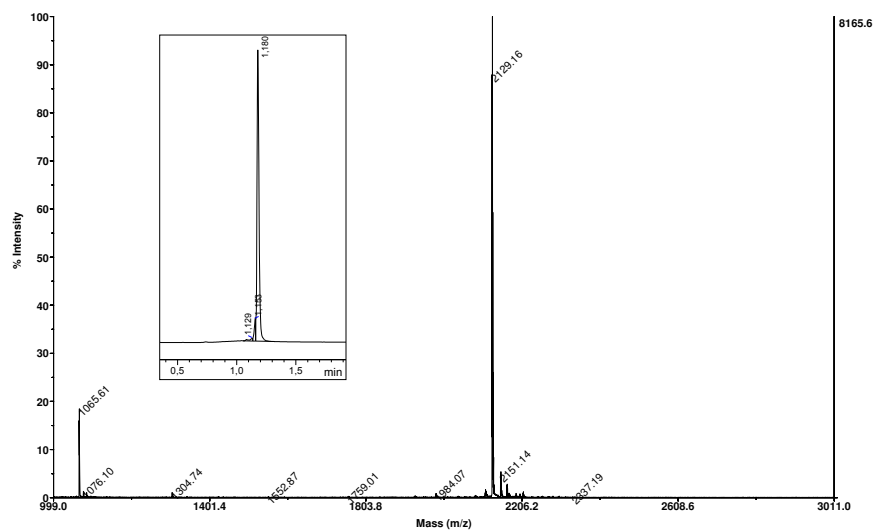


Figure S2: MALDI-TOF spectra and HPLC chromatograms of linear YIGSR peptides.

PF



CF-PF

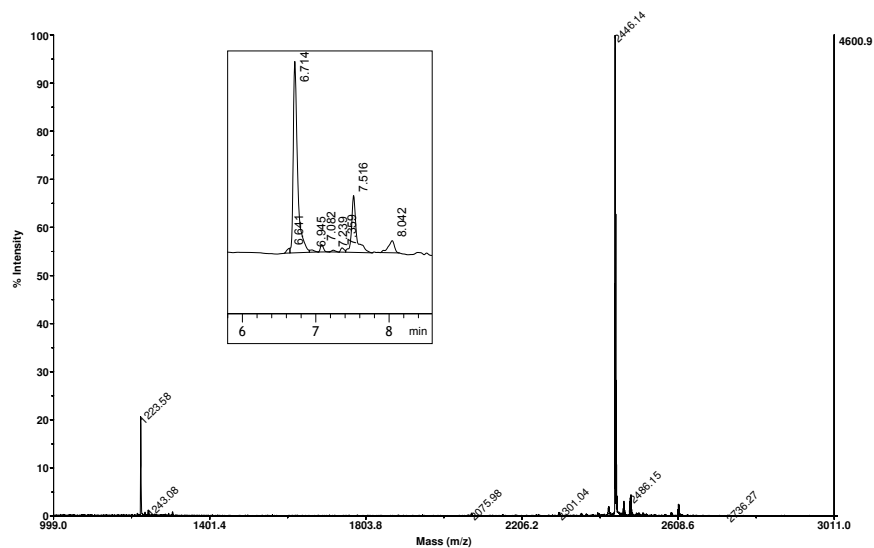


Figure S3: MALDI-TOF spectra and HPLC chromatograms of the dual peptidic platform (PF).