Supplementary Materials: Influence of Radiation Sterilization on Properties of Biodegradable Lactide/Glycolide/Trimethylene Carbonate and Lactide/Glycolide/ε-Caprolactone Porous Scaffolds with Shape Memory Behaviour

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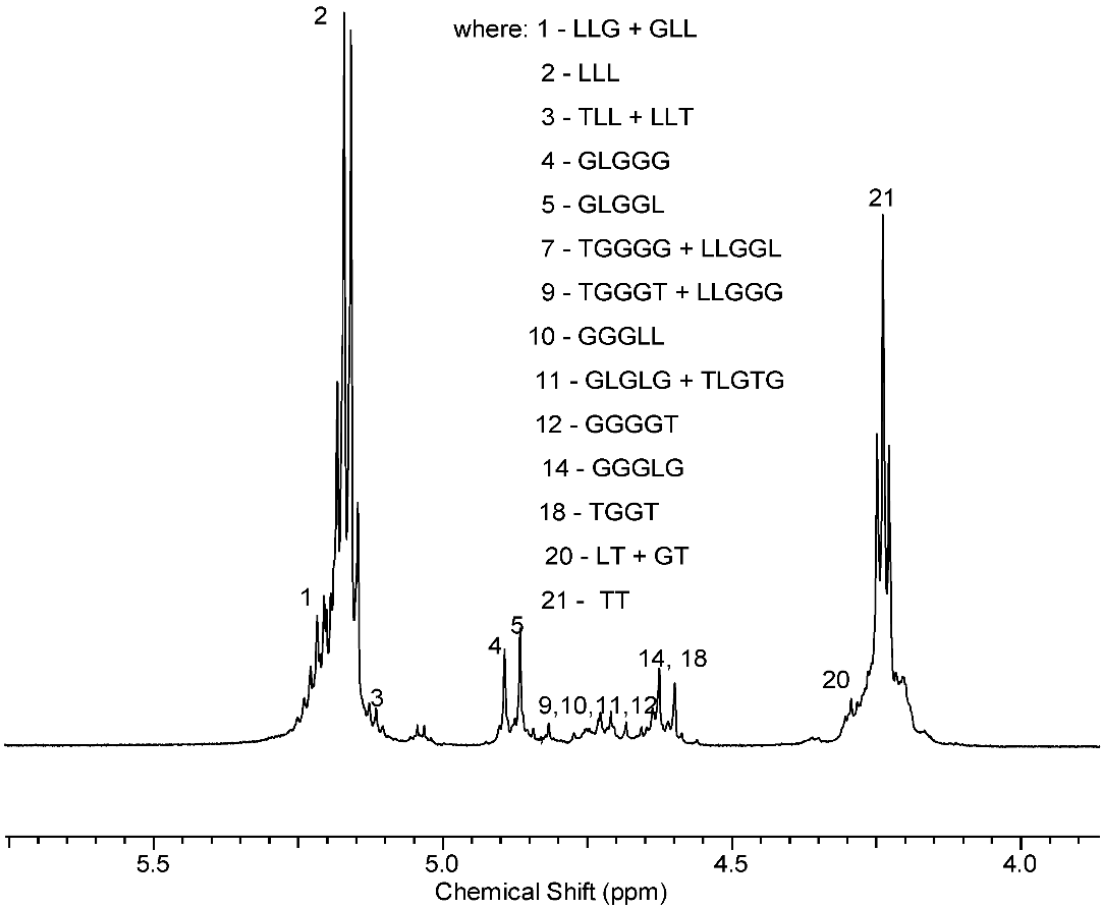


Figure S1. ^{1}H NMR spectrum of terpolymer LGT21 (in $CDCl_3$).

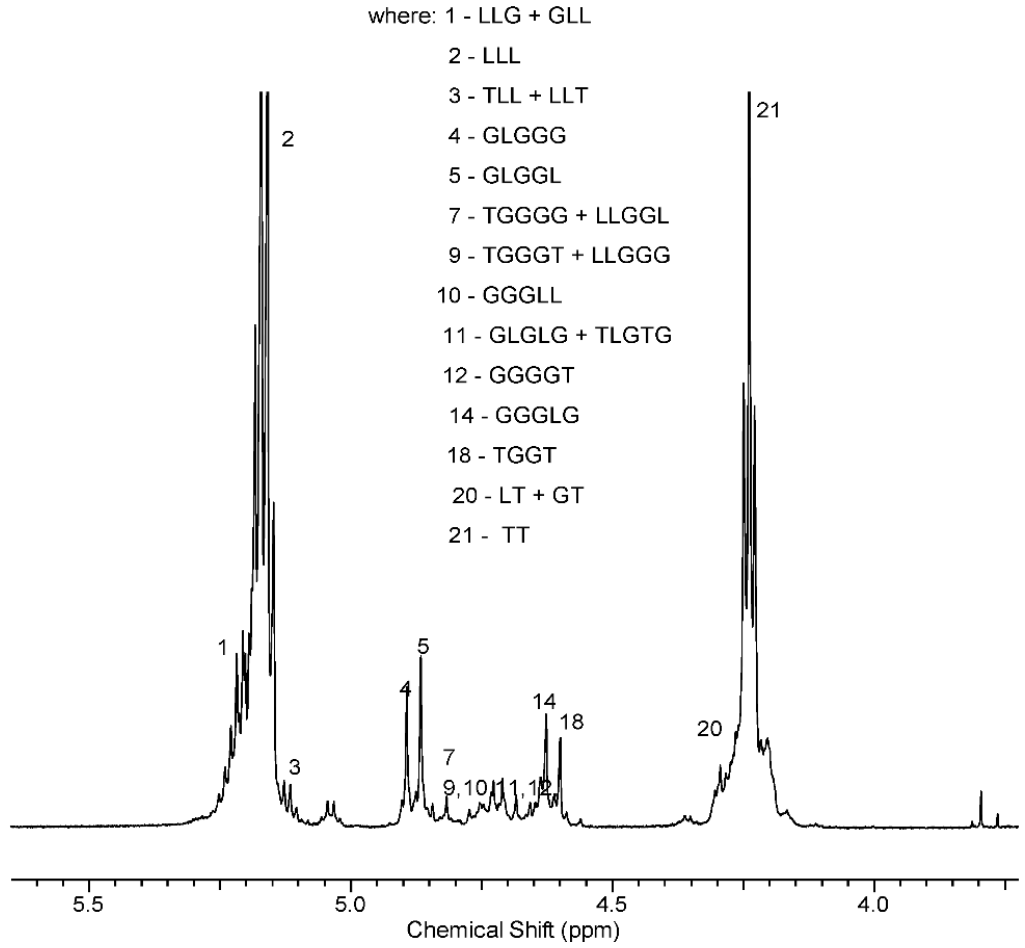


Figure S2. ^{1}H NMR spectrum of terpolymer LGT40 (in $CDCl_3$).

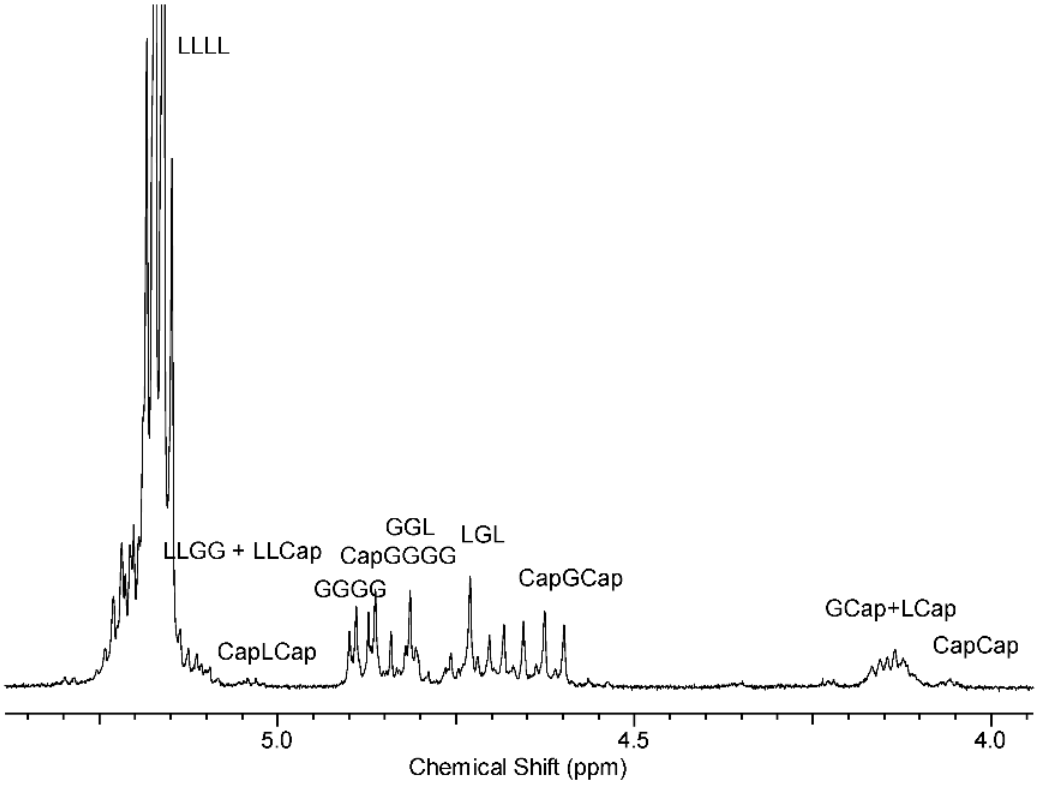
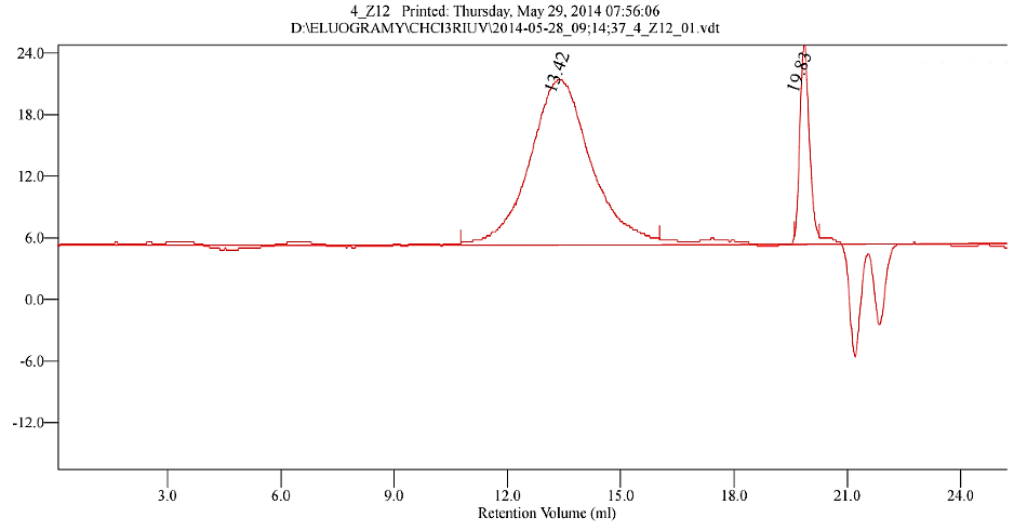
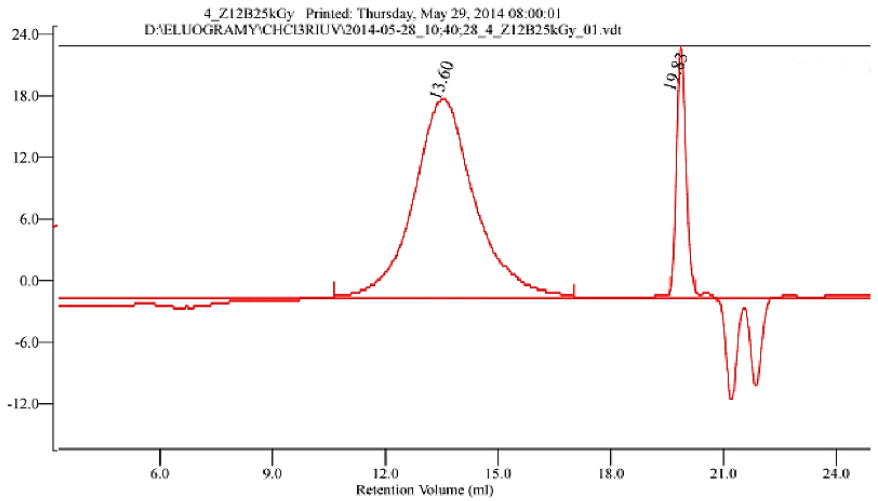


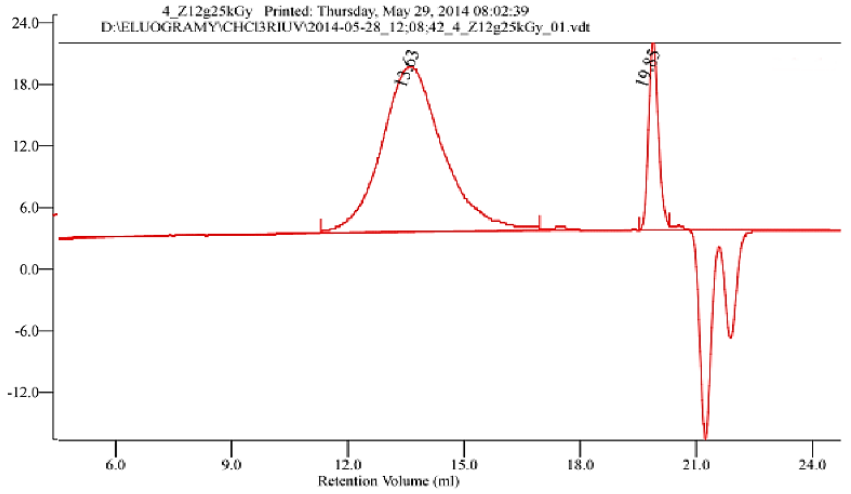
Figure S3. ^{1}H NMR spectrum of terpolymer LGC (in $CDCl_3$).



A)

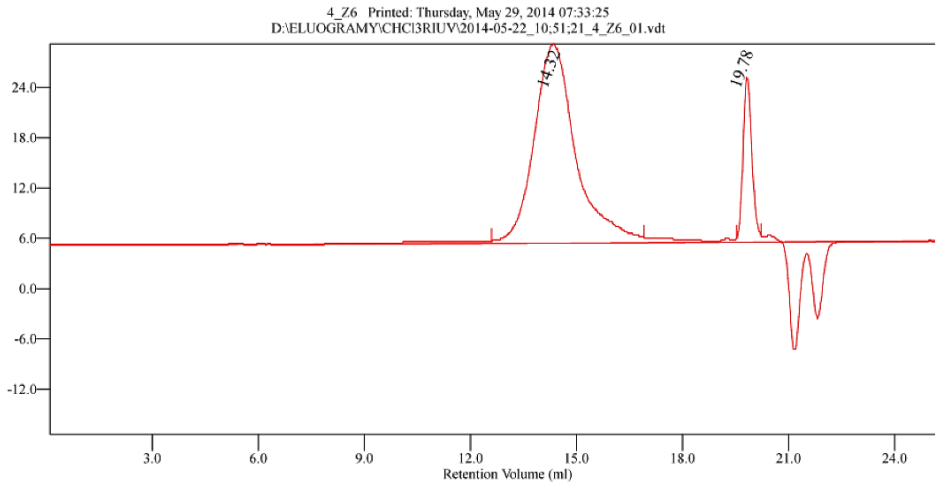


B)

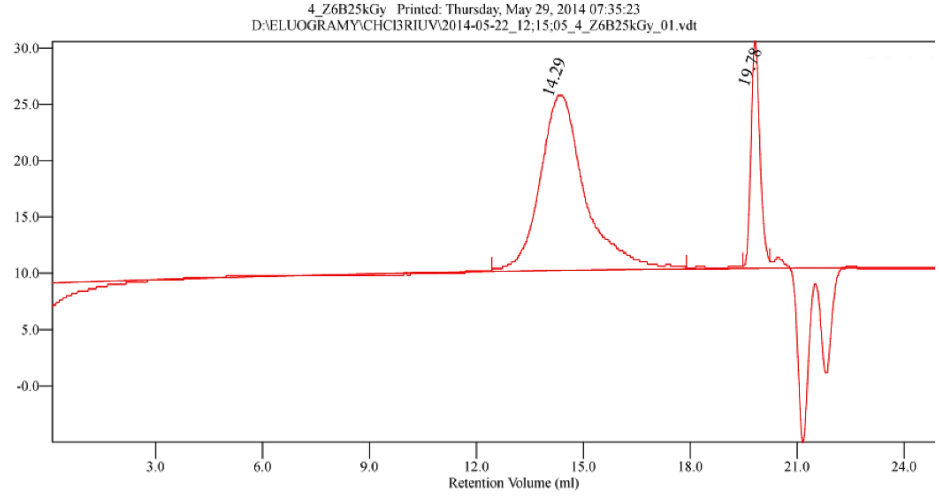


C)

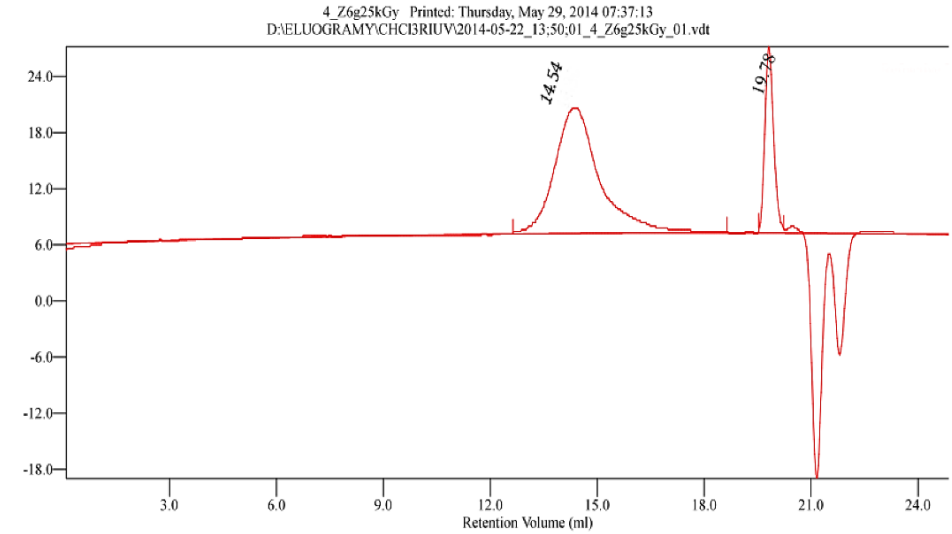
Figure S4. GPC chromatograms for sample LGT21; (**A**) before irradiation; (**B**) after electron beam irradiation with 25 kGy dose; and (**C**) after γ irradiation with 25 kGy dose.



A)



B)



C)

Figure S5. GPC chromatogram for sample LGT40; (**A**) before irradiation; (**B**) after electron beam irradiation with 25 kGy dose; and (**C**) after γ irradiation with 25 kGy dose.

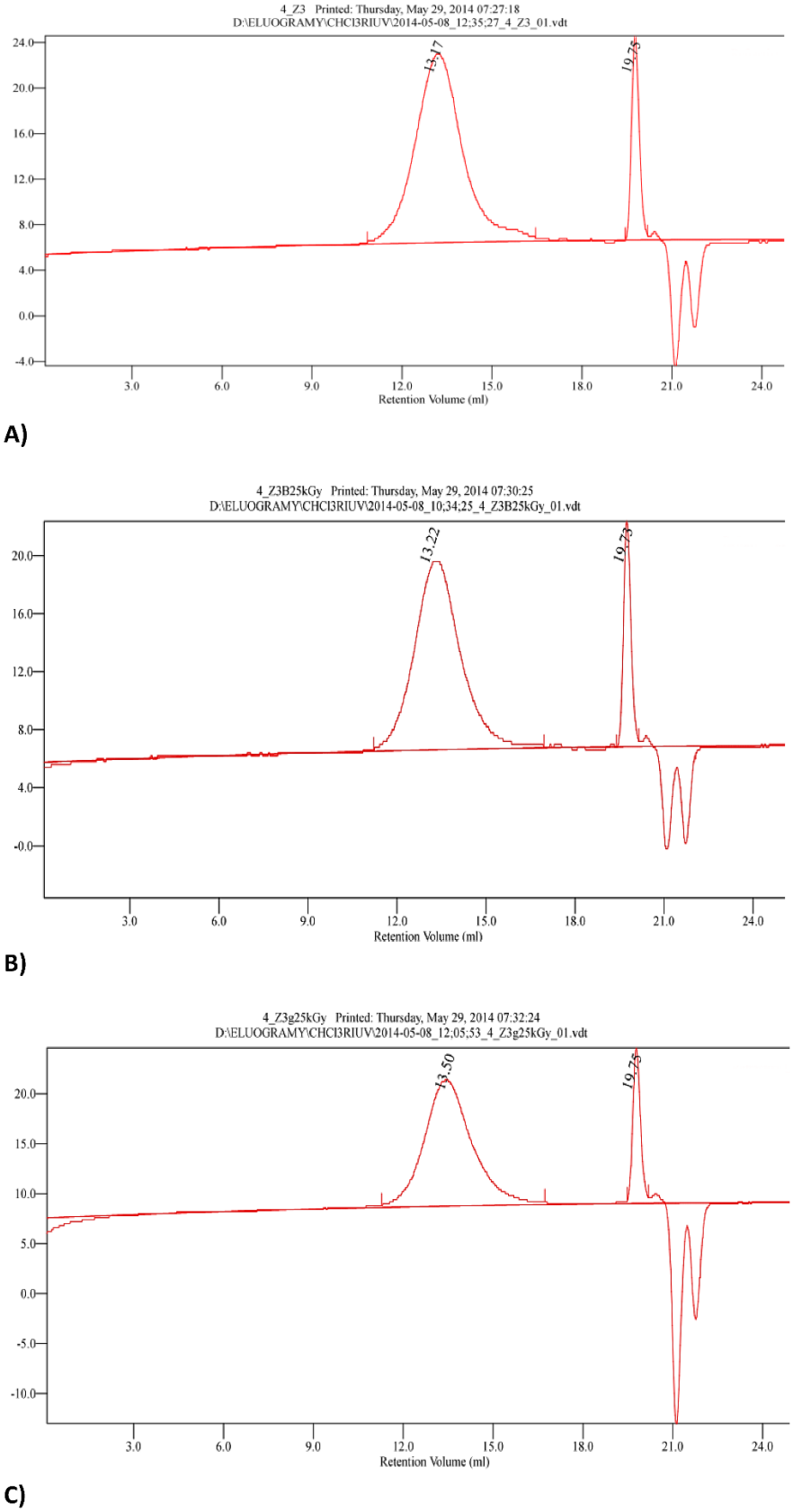


Figure S6. GPC chromatograms for sample LGC; (**A**) before irradiation; (**B**) after electron beam irradiation with 25 kGy dose; and (**C**) after γ irradiation with 25 kGy dose.

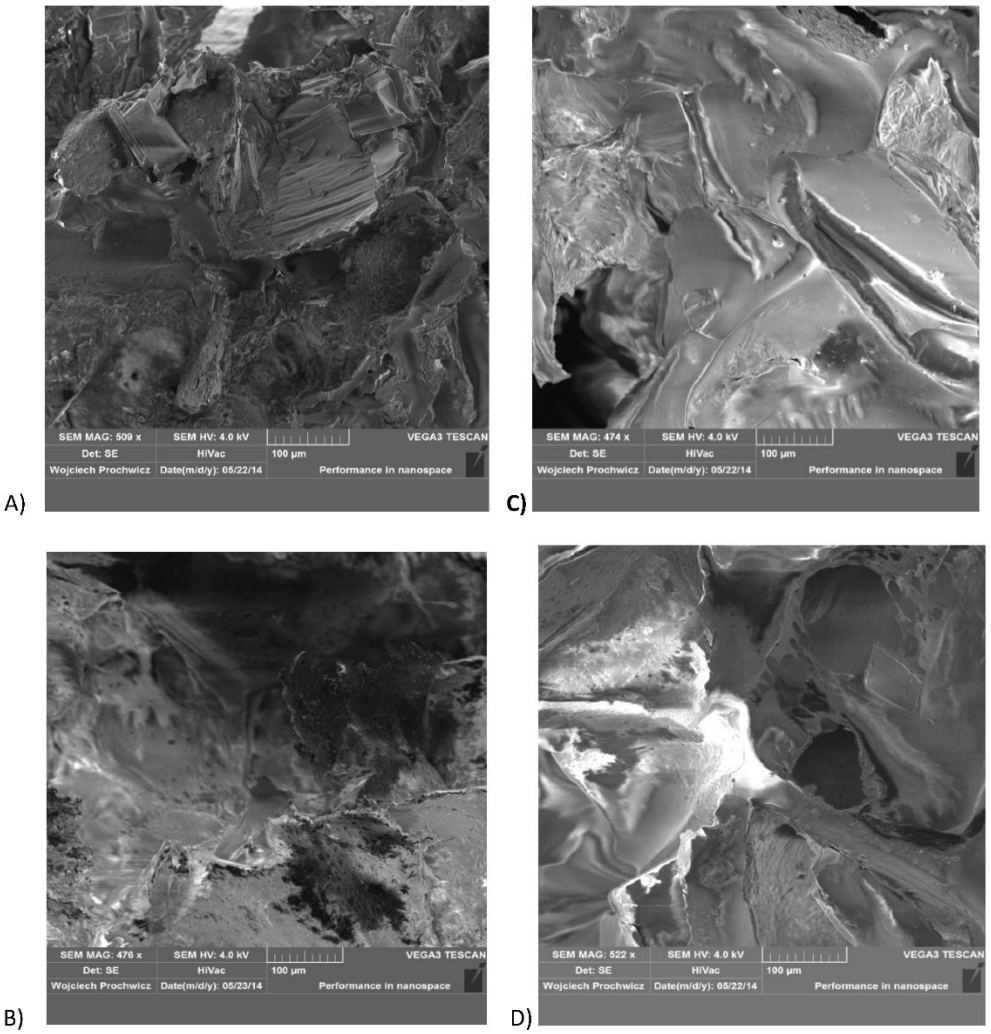


Figure S7. SEM pictures of porous surface of scaffolds; (**A**) LGT40 C scaffold after γ sterilization with irradiation dose 25 kGy, in compressed temporary shape; (**B**) LGT40 C scaffold after γ sterilization with irradiation dose 25 kGy, after recovery to permanent shape; (**C**) LGC C scaffold after electron beam sterilization with dose 25 kGy, in compressed temporary shape; and (**D**) LGC C scaffold after electron beam sterilization with dose 25 kGy, after recovery to permanent shape.