

## Supplementary Information

### Fibril growth kinetics link buffer conditions and topology of 3D collagen I networks

Liv Kalbitzer, Tilo Pompe

Institute of Biochemistry, Universität Leipzig  
 Johannisallee 21-23, 04103 Leipzig, Germany  
 eMail: [tilo.pompe@uni-leipzig.de](mailto:tilo.pompe@uni-leipzig.de)

**Table S1:** Pore size of Coll I networks reconstituted at different buffer conditions and Coll I concentrations ( $C_{\text{Coll I}}=1.0 - 3.0 \text{ mg/ml}$ ).

pore size ( $\mu\text{m}$ ) buffer conditions	$C_{\text{Coll I}}$				
	1.0 mg/ml	1.5 mg/ml	2.0 mg/ml	2.5 mg/ml	3.0 mg/ml
0.08 M phosphate, pH 7.5	12.08	10.35	8.24	5.39	3.03
+ 0.07 M NaCl	9.75	9.27	4.28	5.46	2.87
0.04 M phosphate, pH 7.5	4.97	3.31	2.64	2.02	1.89
+ 0.07 M NaCl	6.81	4.06	2.55	2.18	1.81
0.08 M phosphate, pH 7.0	15.25	12.37	7.72	5.64	4.14
0.08 M phosphate, pH 8.0	10.14	11.06	6.77	4.58	3.55