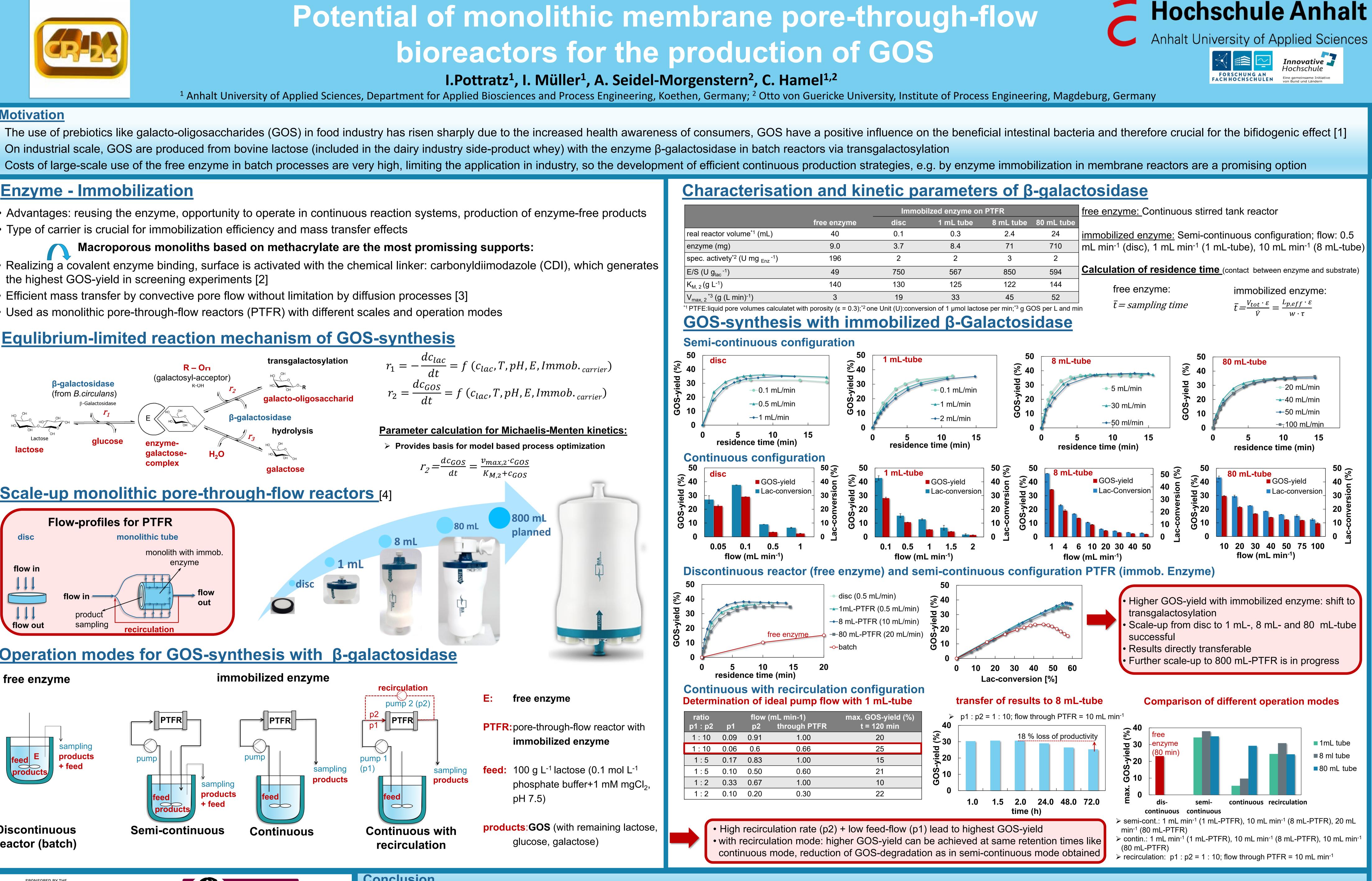
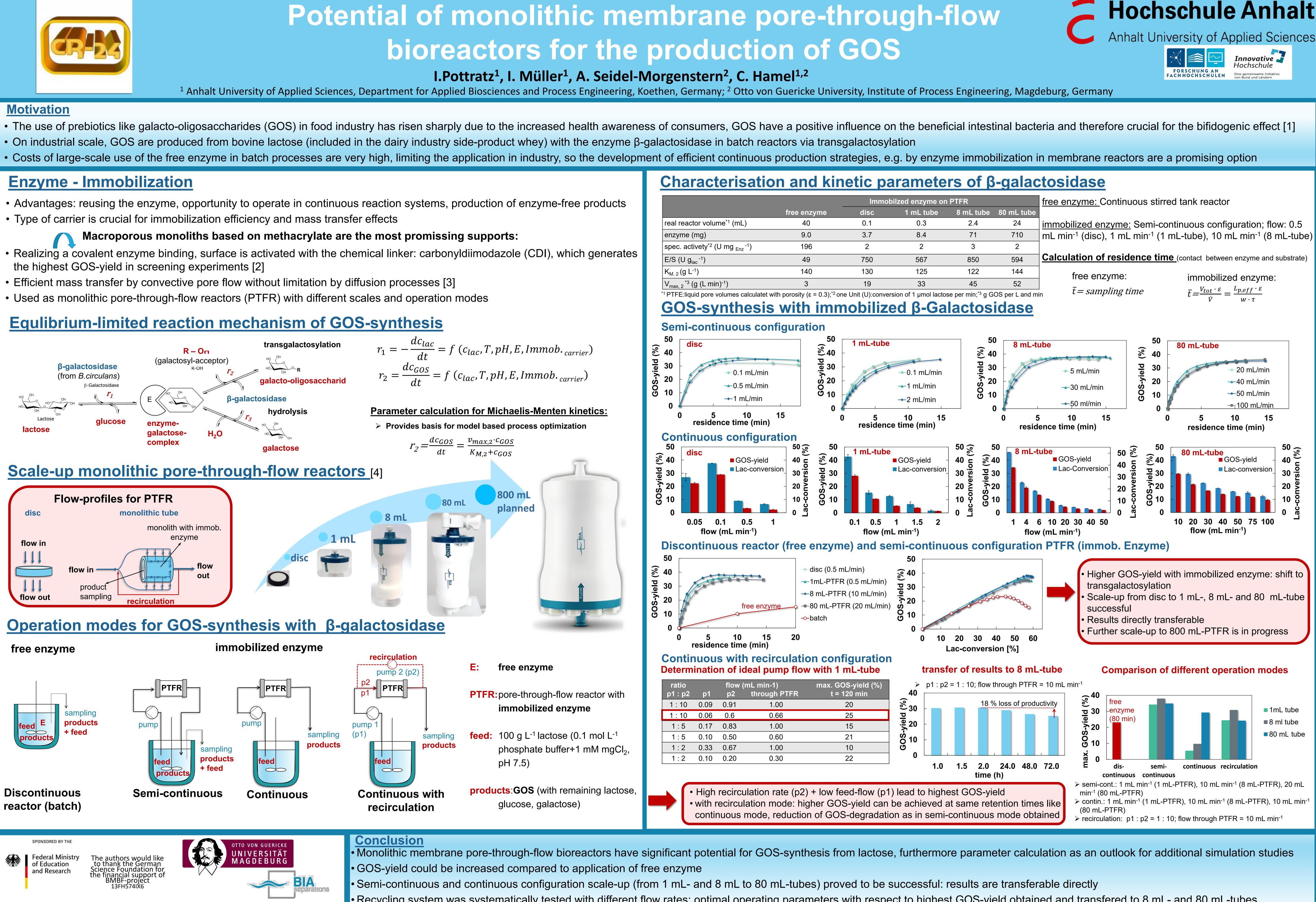




- the highest GOS-yield in screening experiments [2]





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Recycling system was systematically tested with different flow rates: optimal operating parameters with respect to highest GOS-yield obtained and transfered to 8 mL- and 80 mL-tubes

References:

[1] Tanaka, R., et al., Bifidobacteria and microflora, 1983. 2(1): p. 17-24; [2] Pottratz, I., et al., Chemie Ingenieur Technik, 2021, 93: p. 353-363; [3] Vodopivec, M., et al., Analytical Technologies in the Biomedical and Life Sciences, 2003. 795: p. 105-113; [4] BIASeparation: www.biaseparations.com

		Immobilzed enzyme on PTFR				free
	free enzyme	disc	1 mL tube	8 mL tube	80 mL tube	
r volume ^{*1} (mL)	40	0.1	0.3	2.4	24	imm
ng)	9.0	3.7	8.4	71	710	mL r
ety ^{*2} (U mg _{Enz} ⁻¹)	196	2	2	3	2	
-1)	49	750	567	850	594	<u>Calc</u>
	140	130	125	122	144	
(L min) ⁻¹)	3	19	33	45	52	
				• *2 •		