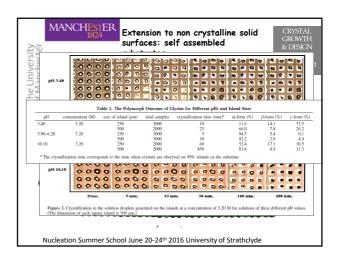
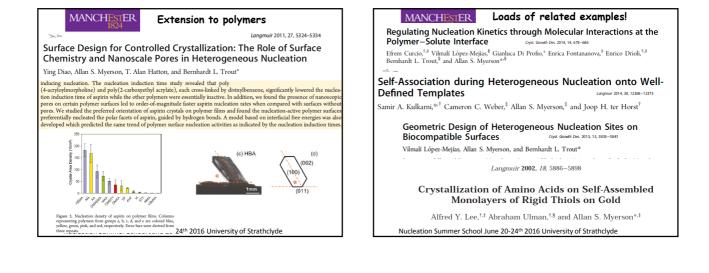
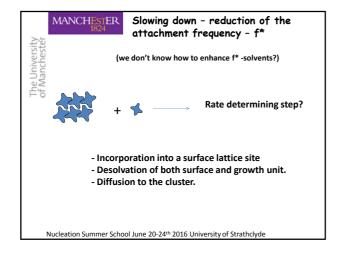
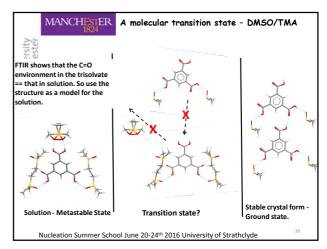


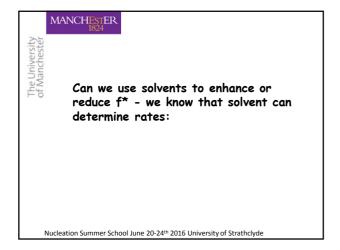
1824		Table 1. Average Induction Times, τ , for AAP Form I from Ethanol (σ = 0.36) with Various Crystalline Substrates		
The University of Manchesté	substrate	average induction time, τ (mins)	R ² (linear regression)	
er er	none (bulk)	1930 ± 85	0.9699	
iniv iniv	a-LMH	410 ± 11	0.9788	
J La	D-mannitol	390 ± 8	0.9795	
Ne	graphite	1080 ± 32	0.9731	
54	sodium chloride	905 ± 19	0.9925	
FO	1histidine	1910 ± 95	0.9781	
lattices as a dimensionless p presents a "goodness-of-fit" substrate lattices and can onl $V/V_0 \leq 1$. The different mod	' between the y take a value l	overlayer and between $-0.5 \leq$		
		-mannitol or α-LMH.		

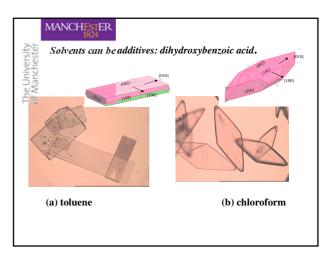


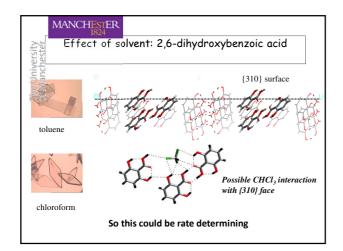


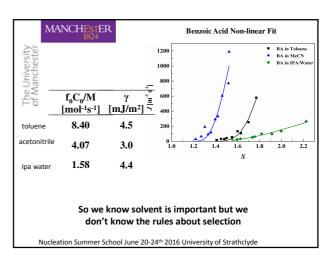


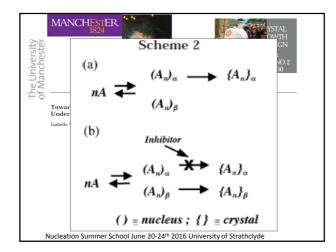


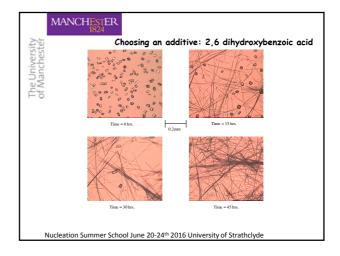


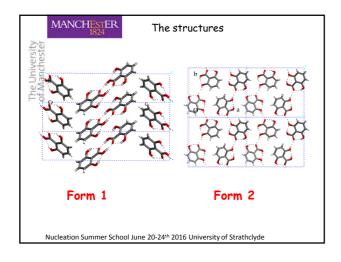


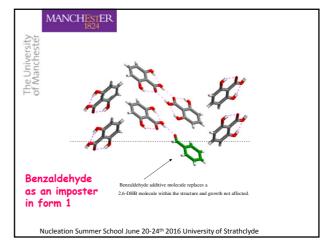


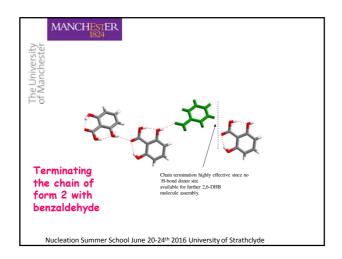


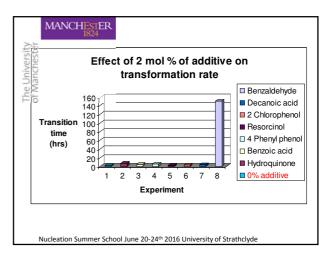


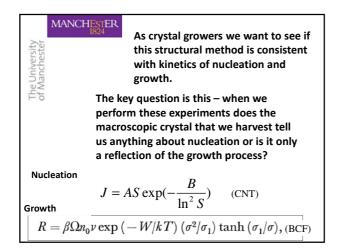


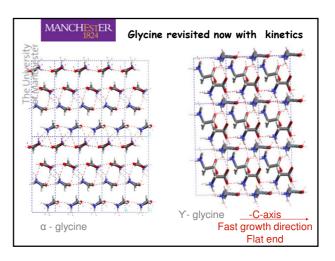




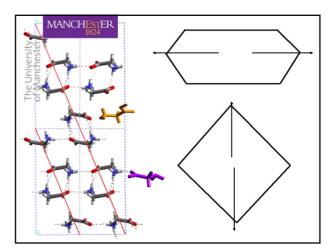


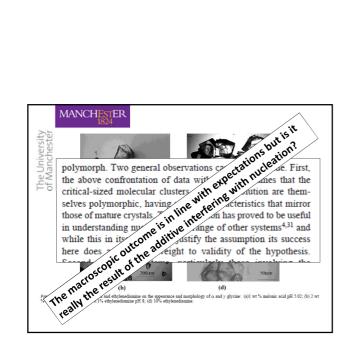


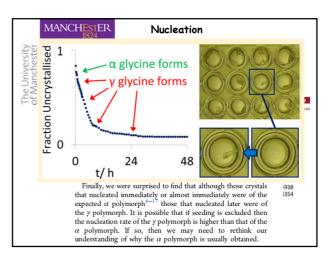


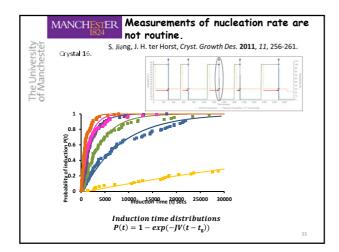


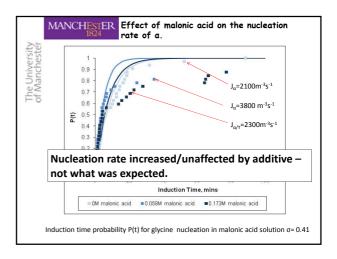


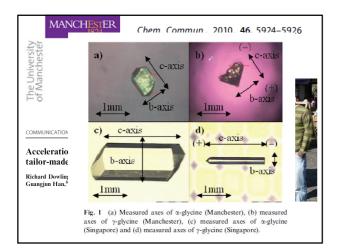


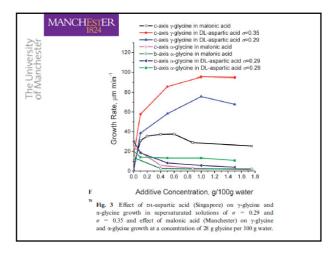




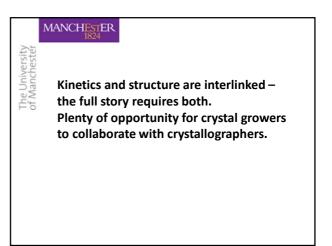


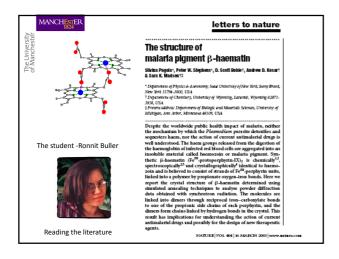


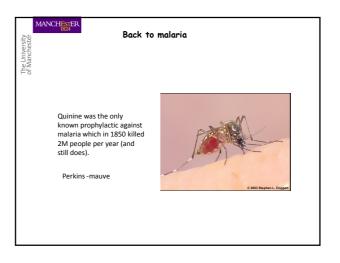


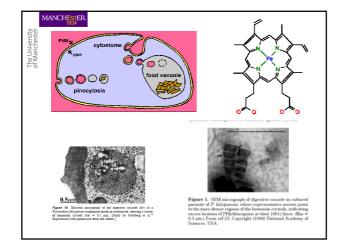


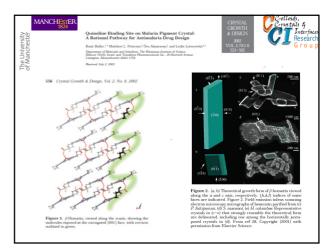
rsity ster	MANCHESTER 1824 And so microscopically things are not what they appear macroscopically:					
Aanche			Macro	Micro	Additive kinetic effect	
The U of Ma		Nucleation	α only	α and Υ	No change to rates	
		Growth	α only	Low S α>Υ High S α ~Υ	α inhibited Υ accelerated	
	gr 2. Th bu 3. Th	owth only ne additives nt also by c	s favour Υ no atalysing Υ opic experim	t only by inl	ibiting α	

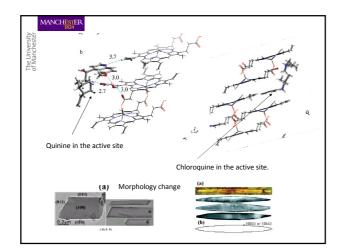












MA	NCHESTER 1824
The University of Mancheste	Molecular routes to Nucleation Control. Roger Davey
Cont	tent: 1. Catalysis - Heterogeneous processes 2. Inhibition - additives
Nuclea	ation Summer School June 20-24 th 2016 University of Strathclyde