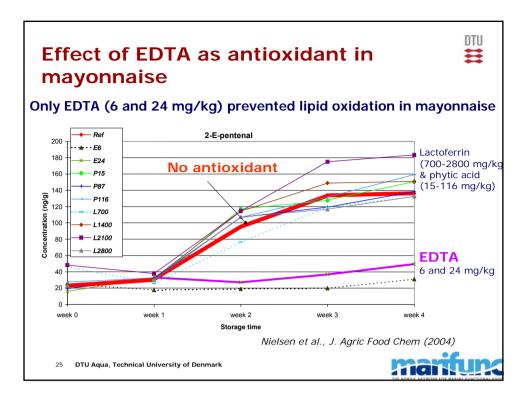
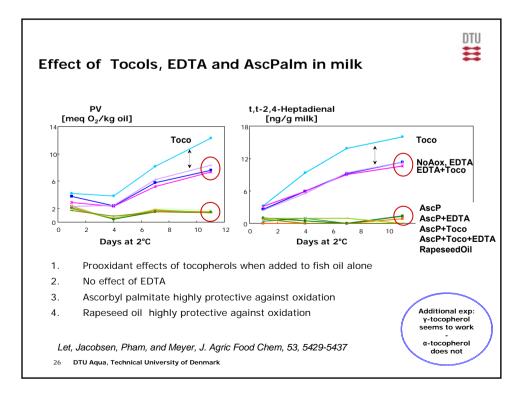


	chanisms			
Antioxidant mechanism	Examples of antioxidants			
Metal chelation	Citric acid, EDTA, <sup>1</sup> lactoferrin, phytic acid (phosphates)			
Oxygen scavenging	Ascorbic acid, glucose oxidase-catalase			
Singlet oxygen quenching	Carotenoids, tocopherols			
Active oxygen scavenging	Superoxide dismutase, catalase, mannitol			
Primary radical chain-breaking	Tocopherols, ascorbic acid and derivatives, gallic acid and gallates, <sup>1</sup> BHA, <sup>1</sup> BHT, <sup>1</sup> several natural polyphenols, rosemary and sage antioxidants			
Alkoxyl radical interruption	Tocopherols (some rosemary compounds)			
Secondary chain-breaking	Glutathione peroxidase and glutathione–S-transferase thiodipropionic acid and its derivatives <sup>1</sup>			

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<ul> <li>Food system</li> <li>Mayonnaise</li> <li>Dressing</li> <li>Milk (1.5 %</li> <li>Milk drink (5)</li> </ul>	(pH 4) fat, pH 6		• ED • To • AP • As • PG	oxidants: TA copherol (Ascorbyl p corbic acid (Propyl ga Illic acid		)
Food system	EDTA	Тосо	Asc	AP	PG	Gallic acid
Food system Mayonnaise	EDTA AO	Toco Weak AO or Pro	Asc PRO	AP PRO	PG PRO	Gallic acid PRO
Mayonnaise	AO	Weak AO or Pro		PRO		

