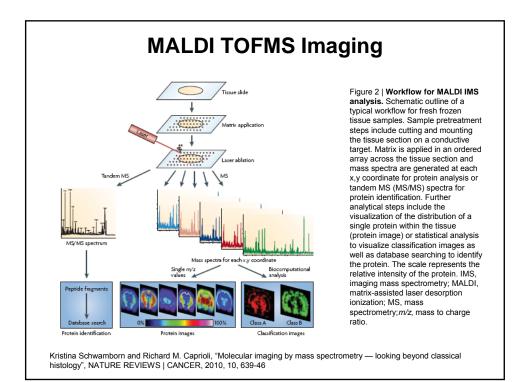
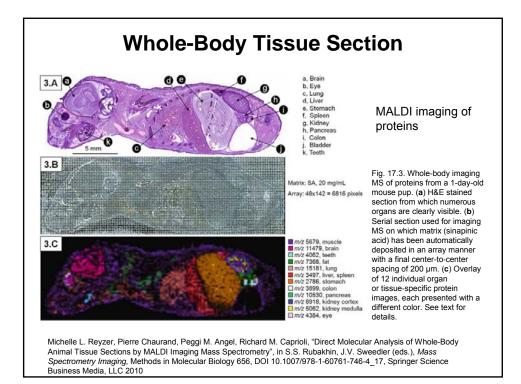
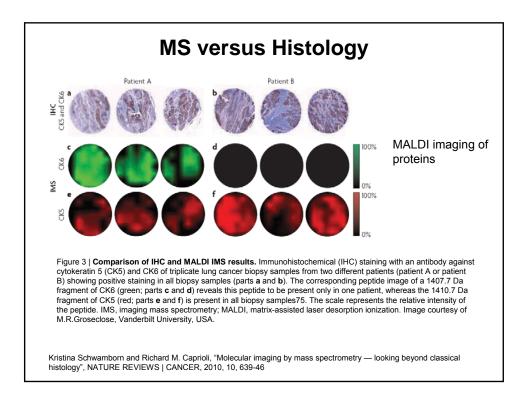
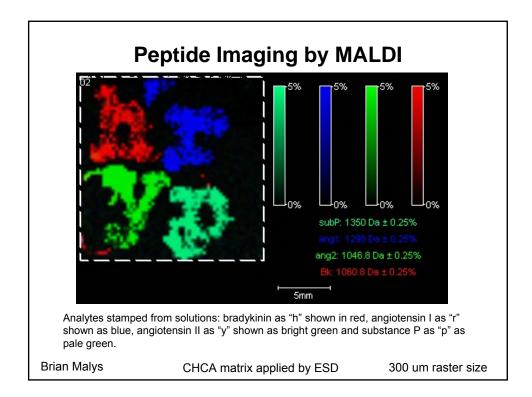


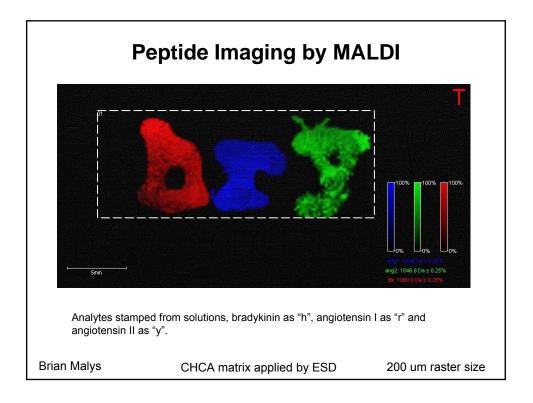
 Identification of Micro-Organisms by MALDI Mass Spectrometry: Elsa Gorre

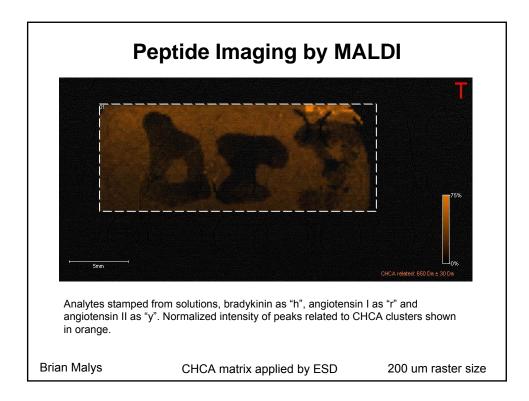


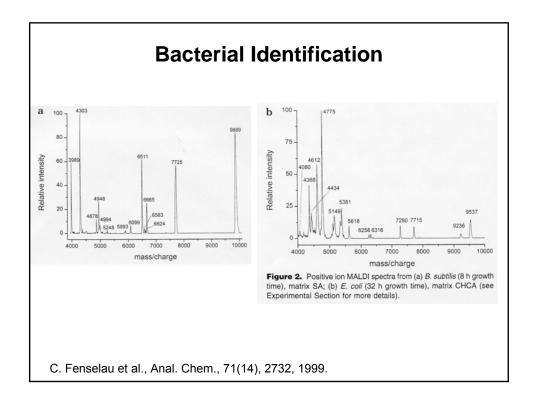


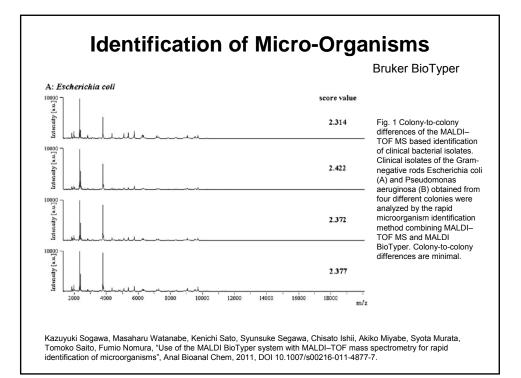








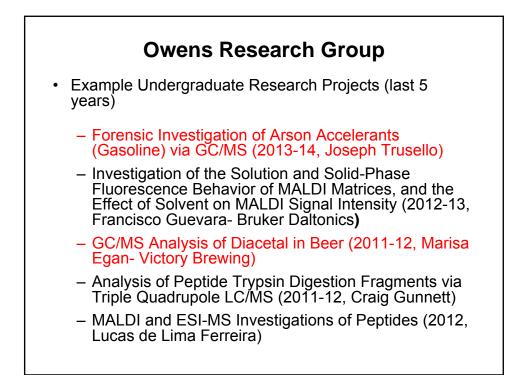


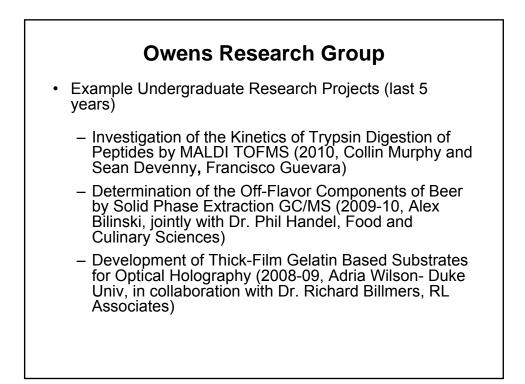


		Bruker BioType
Conventional method	MALDI BioTyper method	16S rRNA method
Aeromonas hydrophila group	Aeromonas caviae	Aeromonas caviae
	Aeromonas hydrophila	Aeromonas hydrophila
Bordetella parapertussis	Bordetella bronchiseptica	Bordetella bronchiseptica or
		Bordetella parapertussis
Enterobacter cloacae	Enterobacter asburiae	Enterobacter cloacae
	Enterobacter ludwigii	Enterobacter cloacae
Enterococcus casseliflavus	Enterococcus phoeniculicola	Enterococcus casseliflavus
Haemophilus parahaemolyticus	Haemophilus parainfluenzae	Haemophilus parainfluenzae
Haemophilus parainfluenzae	Haemophilus parahaemolyticus	Haemophilus parahaemolyticus
Lactobacillus acidophilus	Lactobacillus gasseri	Lactobacillus gasseri
Stenotrophomonas maltophilia	Pseudomonas geniculata	Stenotrophomonas maltophilia
	Pseudomonas hibiscicola	Stenotrophomonas maltophilia
Streptococcus bovis	Streptococcus pasteurianus	Streptococcus pasteurianus
Vibrio fluvialis	Vibrio furnissii	Vibrio furnissii

Table 2 Comparison of the results obtained by use of the conventional and MALDI–TOF MS-based methods and the 16S rRNA method

Kazuyuki Sogawa, Masaharu Watanabe, Kenichi Sato, Syunsuke Segawa, Chisato Ishii, Akiko Miyabe, Syota Murata, Tomoko Saito, Fumio Nomura, "Use of the MALDI BioTyper system with MALDI–TOF mass spectrometry for rapid identification of microorganisms", Anal Bioanal Chem, 2011, DOI 10.1007/s00216-011-4877-7.







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