

Proteomics Protocols available within the infrastructure

	Analysis	Technology	Instrument	Food/study	Sample prep	Data	Statistics
1	Proteomics	High Resolution Mass Spectrometry	nanoLC-MS/MS	Dairy Products	Protein extraction/Tryptic digestion (GR1005463,	Total proteins	Unique Proteins
2	Peptidomics	High Resolution Mass Spectrometry	nanoLC-MS/MS Orbitrap Elite	Dairy Products	Peptide extraction ((GR1005304, GR1005463, EPA1748297, GR1005463)	Natural Ocurring Peptides and Small Proteins	Unique Peptides/Small proteins
3	Proteomics	High Resolution Mass Spectrometry	nanoLC-MS/MS Orbitrap Elite	Wine	Protein extraction/Tryptic digestion (GR1005463, EPA1748297)	Total proteins	Unique Proteins
4	Peptidomics	High Resolution Mass Spectrometry	nanoLC-MS/MS Orbitrap Elite	Wine	Peptide extraction (GR1005304, GR1005463, EPA1748297, GR1005463)	Natural Ocurring Peptides and Small Proteins	Unique Peptides/Small proteins
5	Proteomics	High Resolution Mass Spectrometry	nanoLC-MS/MS Orbitrap Elite	Honey	Protein extraction/Tryptic digestion (GR1005463, EPA1748297)	Total proteins	Unique Proteins
6	Peptidomics	High Resolution Mass Spectrometry	nanoLC-MS/MS Orbitrap Elite	Honey	Peptide extraction (GR1005304, GR1005463, EPA1748297, GR1005463)	Natural Ocurring Peptides and Small Proteins	Unique Peptides/Small proteins
7	proteomics analysis of bacterial strains	MALDI-TOF MS	Bruker LT Microflex	Cheese microbiome analysis			

