

Helen Kemp's List of Public Output

Peer reviewed papers

- **H.F. Kemp**, H.S.Hundal, M.J.Rennie and P.M. Taylor: "Effects of thyroid status on glucose transport and GLUT2 expression in liver sinusoidal membrane vesicles", *FASEB Journal*, A1000 (1995).
- **H.F. Kemp** and P.M. Taylor: "Effects of altered thyroid status on aromatic amino acid transport in sinusoidal membrane vesicles", *European Journal of Physiology*, 430: 270 (1995).
- **H.F. Kemp**, H.S. Hundal and P.M Taylor: "Glucose transport correlates with GLUT2 abundance in rat liver during altered thyroid status", *Molecular and Cellular Endocrinology*, 128: 97-102 (1997).
- **H.F. Kemp** and P.M. Taylor: "Interactions between thyroid hormones and tryptophan transport in rat liver are modulated by thyroid status", *American Journal of Physiology*, 272: E809-E816 (1997).
- P.M. Taylor, **H.F. Kemp**, A. Davies, J. Birrell and G.J. Peter: "Aromatic amino acid transport in liver and kidney and possible links with the transport of thyroid hormones", *Nova Acta Leopoldina*, 306: 223-233 (1998).
- W. Meier-Augenstein, **H.F. Kemp**, J.F. Dillon and E. Henry: "A novel $^{13}\text{CO}_2$ breath test for the non-invasive assessment of synthetic liver function *in-vivo*", *GUT*, 48: Suppl. I, A105 (2001).
- W. Meier-Augenstein, **H.F. Kemp** and T. Preston: "A test meal suitable for measuring gastric emptying of solids by means of a [^{13}C -1]-sodium acetate breath test", *Proc. Nutr. Soc.*, **60**, 9A (2001).
- Houghton LA, Fell CE, Meier-Augenstein W, **Kemp HF**, Lawrie C, Cooper P, Whorwell PJ, Morris J.: "Can hypnosis be used to induce nausea and is this associated with delayed gastric emptying?", *Gastroenterology*; **124**, A674 (2003).
- L.A. Houghton, C. Fell, W. Meier-Augenstein, **H.F. Kemp**, P. Cooper, C.L. Lawrie, P.J. Whorwell, J. Morris: "Can hypnosis be used to induce nausea and is this associated with delayed gastric emptying?", *GUT*; **53**, Suppl. III, A40 (2004).
- Jones HP, **Kemp HF**, Meier-Augenstein W, Cooper P, Fryer A, Whorwell PJ, Houghton LA: "Modulation of gastric emptying using hypnotic suggestion in healthy volunteers", *GUT*; **54**, 435 (2005).
- McKay D, Kirk SJ, Gardiner KR, **Kemp H**, Meier-Augenstein W: "*In-vivo* measurement of colonic butyrate metabolism in patients with active *Ulcerative colitis*", *Gastroenterology*, **130**, A215, (2006)
- H. A. S. Buchanan, N. Nic Daeid, W. Meier-Augenstein, **H. F. Kemp**, W. J. Kerr and M. Middleditch: "Emerging Use of IRMS as a Tool for Discrimination of MDMA by Synthetic Route", *Anal. Chem.* (2008), **80**, 3350-3356.

- J. McKinley, A. Ruffell, M. Harrison, W. Meier-Augenstein, **H. Kemp**, C. Graham and L. Barry: “Spatial Thinking in Search Methodology: A Case Study of the ‘No Body Murder Enquiry’, West of Ireland”, in **Criminal and Environmental Soil Forensics** by Karl Ritz, Lorna Dawson and David Miller [eds.], Springer, Netherlands, chapter 18, 285-302 (2008), ISBN 978-1-4020-9203-9.
- W. Meier-Augenstein, **H. F. Kemp** and C. M. Lock: “N₂: A Potential Pitfall for Bulk ²H Isotope Analysis of Explosives and Other Nitrogen Rich Compounds”, *Rapid Commun. Mass Spectrom.* **23**, 2011-2016 (2009), DOI: 10.1002/rcm.4112.
- E. Henton, W. Meier-Augenstein and **H.F. Kemp**: “The Use of Oxygen-18 Isotopes in Molars of Archaeological Sheep to investigate herding practices in the Neolithic Settlement of Çatalhöyük, Central Anatolia“, (2009), *Archaeometry*; in press

Conference Presentations

- “In-vivo Measurement of Colonic Butyrate Metabolism in Patients with active Ulcerative colitis.“ D. McKay; S. J. Kirk; K. R. Gardiner; H. Kemp; W. Meier-Augenstein. 20 –25 May 2006; Digestive Disease Week, Los Angeles Convention Centre (USA).
- “In-vivo measurement of butyrate metabolism in patients active Ulcerative colitis – a pilot study.“ D. McKay; S. J. Kirk; K. R. Gardiner; H. Kemp; W. Meier-Augenstein. 03 – 06 July 2006; Annual Meeting of The Association of Coloproctology of Great Britain and Ireland, Gateshead (UK).
- Emerging Use of Isotope Ratio Mass Spectrometry as a Tool for Discrimination of MDMA by Synthetic Route
oral presentation; H A S Buchanan, N Nic Daeid, W Meier-Augenstein, H F Kemp, W J Kerr, M Middleditch, International Association of Forensic Scientists (IAFS), New Orleans, Louisiana, USA, July 21-26, 2008
- Emerging Use of Isotope Ratio Mass Spectrometry as a Tool for Discrimination of MDMA by Synthetic Route
oral presentation; H A S Buchanan, N Nic Daeid, W Meier-Augenstein, H F Kemp, W J Kerr, M Middleditch, United States Drug Enforcement Agency, Special Testing and Research Facility, Dulles, Virginia, USA, July 17, 2008
- Emerging Use of Isotope Ratio Mass Spectrometry as a Tool for Discrimination of MDMA by Synthetic Route
poster presentation; H A S Buchanan, N Nic Daeid, W Meier-Augenstein, H F Kemp, W J Kerr, M Middleditch, WestCHEM Research Day – Organic Colloquia, University of Strathclyde, Glasgow, Scotland, UK, June 20, 2008
- Emerging Use of Isotope Ratio Mass Spectrometry as a Tool for Discrimination of MDMA by Synthetic Route
poster presentation; H A S Buchanan, N Nic Daeid, W Meier-Augenstein, H F Kemp, W J Kerr, M Middleditch, WestCHEM Research Day, University of Glasgow, Glasgow, Scotland, UK, May 30, 2008

- Field scale spatial distribution of soil $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ under permanent grassland poster presentation; E R Dixon, D Junquera, A Martinez, M S A Blackwell, H Kemp, W Meier-Augenstein, A Duffy, R Bol, BMSS/SIMSUG 2009, Glasgow, Scotland, UK, Jan 14/15, 2009
- The hydrological response of heavy clay soils to rainfall as assessed using $\delta^2\text{H}$ poster presentation; R Bol, S Granger, W Meier-Augenstein, H Kemp, BMSS/SIMSUG 2009, Glasgow, Scotland, UK, Jan 14/15, 2009