Curriculum Vitae

1. General information

Name	Thomas P. Solomon, Ph.D.		
Affiliation	Institute of Metabolism and Systems Research, University of Birmingham		
Phone (Office)	+44 121 4158609	**E-mail**	t.solomon@bham.ac.uk

2. Educational background & professional experience

Year	Affiliation	Position
2015-present	Institute of Metabolism and Systems Research, University of Birmingham, UK	Research fellow & Senior lecturer
2013-2015	Department of Biomedical Sciences, University of Copenhagen, Denmark	Associate Professor
2010-2012	Centre for Inflammation & Metabolism, Rigshospitalet, Denmark	Senior researcher
2007-2009	Department of Pathobiology, Cleveland Clinic, USA	Postdoc
2006-2007	Department of Clinical Biochemistry, Derby Royal Infirmary & Queens Medical Centre, UK	Clinical biochemist
2002-2006	School of Sport & Exercise Sciences, University of Birmingham, UK	Ph.D.
1999-2002	School of Biochemistry, University of Birmingham, UK	B.Sc.

3. Research interests

1. The pathophysiology of hyperglycemia in type 2 diabetes with focus on pancreatic beta-cell glucotoxicity
2. The role of physical activity in the management of hyperglycemia
3. The influence of glucotoxicity on adaptations to physical activity
4. Organ cross-talk with focus on skeletal muscle to pancreatic beta-cell endocrine communication

4. List of major publications **(selected from total of 57** ncbi.nlm.nih.gov/pubmed?term=solomon%20tp%5Bau%5D**)**

1. von Holstein-Rathlou S, BonDurant LD, Peltekian L, Naber MC, Yin TC, Claflin KE, Urizar AI, Madsen AN, Ratner C, Holst B, Karstoft K, Vandenbeuch A, Anderson CB, Cassell MD, Thompson AP, **Solomon TP**, Rahmouni K, Kinnamon SC, Pieper AA, Gillum MP, Potthoff MJ. FGF21 Mediates Endocrine Control of Simple Sugar Intake and Sweet Taste Preference by the Liver. ***Cell Metabolism***. **2016**; 23(2):335-43. PMID: 26724858. Impact factor 17.56
2. Christensen CS, Christensen DP, Lundh M, Dahllöf MS, Haase TN, Velasquez JM, Laye MJ, Mandrup-Poulsen T, **Solomon TP**. Skeletal muscle to pancreatic β-cell cross-talk: the effect of humoral mediators liberated by muscle contraction and acute exercise on β-cell apoptosis. ***J Clin Endocrinol Metab***. **2015**; 100(10):E1289-98. PMID: 26218753. Impact factor 6.21
3. **Solomon TP**, Malin SK, Karstoft K, Knudsen SH, Haus JM, Laye MJ, Kirwan JP. The association between cardiorespiratory fitness and the determinants of glycemic control across the entire glucose tolerance continuum. ***Diabetes Care***. **2015**; 38(5):921-9. PMID: 25784661. Impact factor 8.42
4. Knudsen SH, Karstoft K, Winding K, Holst JJ, Pedersen BK, **Solomon TP**. Effects of acute exercise on pancreatic endocrine function in subjects with type 2 diabetes. ***Diabetes Obes Metab***. **2015**; 17(2):207-10. PMID: 25406646. Impact factor 6.36
5. **Solomon TP**, Malin SK, Karstoft K, Haus JM, Kirwan JP. The influence of hyperglycaemia on the therapeutic effect of exercise on glycaemic control in patients with type 2 diabetes mellitus. ***JAMA Intern Med. 2013***; 173(19):1834-6. PMID: 23817567. Impact factor 13.12
6. Karstoft K, Winding K, Knudsen SH, Nielsen JS, Thomsen C, Pedersen BK, **Solomon TP**. The effects of free-living interval-walking training on glycaemic control, body composition, and physical fitness in type 2 diabetic patients: a randomized, controlled trial. ***Diabetes Care. 2013***; 36(2):228-36. PMID: 23002086. Impact factor 8.42