

# Clive John Petry--deleted

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This is a biography of Dr. Clive Petry, from the University of Cambridge.

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Dr. Clive Petry received his PhD in Clinical Biochemistry from the University of Cambridge, U.K., in 1998. Prior to undertaking this research degree under the supervision of Prof. C. Nick Hales, he was awarded a BSc (with first-class honors) in Biochemistry (Medical) from the University of Surrey, U.K. (1991) and an MSc (with distinction) in Clinical Biochemistry from the same institution (1993). He currently works as a Senior Research Associate in the Department of Paediatrics at the University of Cambridge with Prof. David Dunger.

Dr. Petry has co-authored over 70 peer-reviewed publications in scientific journals (Web of Science *h index* 26, Scopus *h index* 27 as of 9th March 2020), 5 book chapters and 60 conference proceedings. His editorial experience includes being Editor of a book and Guest Editor of a Special Issue of the journal *Nutrients*. In addition, he has served as an Associate Editor (or equivalent) for a number of different scientific journals: *British Journal of Nutrition* (2009-14), *ISRN Obstetrics & Gynecology* (2010-4), *Human Reproduction* (2011-5), *Journal of Nutritional Science* (2012-4), *Molecular Human Reproduction* (2015-9), *PLOS One* (2019-) and *Nutrients* (2019-).

Dr. Petry's research is involved in trying to understand the mechanisms underpinning, and the consequences of, a high-risk developmental pathway that links restricted fetal growth (or in utero exposure to gestational diabetes), low (or high) birth weight, catch-up growth, childhood obesity, early menarche (in girls), adult short stature and obesity, gestational diabetes (in women), type 2 diabetes and heart disease. In studying various aspects of this pathway he has predominantly used phenotypic analysis of in vivo models (PMID: 12369717, 19794064) and in vitro genetic association studies particularly using cohorts such as ALSPAC and the Cambridge Baby Growth Study. He currently leads a program of work relating to the role of imprinted genes in underpinning some of the processes and risks described above. This has led to publications relating the fetal (imprinted) genotype to the maternal risk of adverse conditions of pregnancy (PMID: 17900986) such as gestational diabetes (PMID: 28392167, 21926269) and high blood pressure (PMID: 27777362).

He also has interests in nutrition in pregnancy, and causes of pregnancy nausea and vomiting, and hyperemesis gravidarum.

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