

Dr Chris Burns

Publications

WHO Publications

Melanie Moore, Jackie Ferguson, Peter Rigsby, Jason Hockley and **Chris Burns**. (2014) WHO International Collaborative Study of the Proposed 1st International Standard for human Proinsulin. WHO/BS/2014

Jackie Ferguson, Jason Hockley and **Chris Burns** (2014) WHO International Collaborative Study of the proposed 3rd International Standard for human, pituitary Luteinizing Hormone. WHO/BS/2014.

Jackie Ferguson, Jason Hockley, Richard Tiplady and **Chris Burns** (2012) WHO International Collaborative Study of the proposed 5th International Standard for human urinary Follicle-Stimulating Hormone and urinary Luteinizing Hormone. WHO/BS/2012.

Chris Burns, Richard Tiplady and Jason Hockley (2012) WHO International Collaborative Study of the proposed 3rd International Standard for Erythropoietin, recombinant, for bioassay. WHO/BS/2012

C. Burns, R.Tiplady, M. Moore and P. Rigsby (2010) WHO International Collaborative Study of the proposed 2nd International Standard for Follicle-Stimulating Hormone, human, recombinant, for bioassay. WHO/BS/10.

C. Burns, R. Tiplady, and P. Rigsby (2010) WHO International Collaborative Study of the proposed 2nd International Standard for Thyroid Stimulating Antibody. WHO/BS/10.

Melanie Moore, Michelle Hamill, Peter Rigsby and **Chris Burns**. (2010) WHO International Collaborative Study of the Proposed 2nd International Standard for Sex Hormone Binding Globulin. WHO/BS/10.

Chris Burns, Tina Morris, Barbara Jones, William Koch, Matthew Borer, Ulla Riber and Adrian Bristow. (2010) Proposal to initiate a project to evaluate a candidate International Standard for Human Recombinant Insulin. WHO/BS/10.2143 - Working document QAS/10.381.

Chris Burns, Melanie Moore, Catharine Sturgeon, Andy Ellis, Jason Hockley and Peter Rigsby (2009) WHO International Collaborative Study of the proposed 1st International Standard for Parathyroid Hormone 1-84, human, recombinant.

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Chris Burns, Melanie Moore, Catharine Sturgeon, Jason Hockley and Peter Rigsby (2009) WHO International Collaborative Study of the proposed 5th International Standard for Chorionic Gonadotrophin.

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C. Burns, P. Rigsby, M. Moore and B. Rafferty (2008) Who International Collaborative Study of the

proposed 1st International Standard for Insulin-Like Growth Factor-1, Recombinant, Human. WHO/BS/08.2095

http://whqlibdoc.who.int/hq/2008/WHO_BS_08.2095_eng.pdf

Peer-reviewed publications

Natalie Francis, Melanie Moore, Guy Rutter and **Chris Burns** (2014) Changes in microRNA expression during differentiation to definitive endoderm in embryonic and induced pluripotent stem cells. *Gene*: Manuscript submitted

Melanie Moore, Jackie Ferguson and **Chris Burns** (2014) Applications of cell-based bioassays measuring the induced expression of endogenous genes. *Bioanalysis* **6**, 1563-1574.

Natalie Francis, Melanie Moore, Guy A. Rutter and **Chris Burns** (2014) The Role of MicroRNAs in the Pancreatic Differentiation of Pluripotent Stem Cells. *MicroRNA* **3**, 54-63.

Ferguson J, Hockley J, Tiplady R and **Burns C** (2013) Standardization of therapeutic, urinary gonadotrophins: An update on the use and availability of International Standards for Menotrophin. *Biologicals*. **41**: 435-8.

Malik K, Matejschuk P, Thelwell C and **Burns CJ** (2013) Differential Scanning Fluorimetry: Rapid screening of formulations that promote the stability of reference preparations. *Journal of Pharmaceutical and Biomedical Analysis* **77**: 163-166.

Ferguson J, Bird C, Wadhwa M and **Burns C** (2013) Detection of neutralizing antibodies to erythropoietin by inhibition of rHuEPO-stimulated EGR1 gene expression in the UT-7/EPO cell line. *Journal of Immunological Methods* **387**: 191-198

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***SLG and CJB share first authorship**

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Compendial articles

Chapter 121 Erythropoietin bioassays, UNITED States Pharmacopoeia, USP NF 35.