

February 27, 2015

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Drs. Grossman and Coen,

Please find enclosed our manuscript entitled "The Cushing's disease adipose gene expression profile reveals effects of long term glucocorticoids on adipose tissue lipid, protein and glucose metabolism" for evaluation for publication in the special Neuroendocrinology issue of *Journal of Endocrinology*. This is the first study in humans reflecting the full range of changes in tissue gene expression in response to long-term excessive glucocorticoids.

We report changes in expression of adipose tissue genes in several metabolic pathways in response to chronic excess cortisol exposure. These changes were replicated and confirmed in inguinal fat of mice treated long term with dexamethasone. This work is especially relevant with respect to the special anniversary issue as it provides novel molecular findings to help understand endocrine phenomena described upwards of 60 years ago.

We expect our results to be of interest for a large range of your readers, both the clinical endocrinology community working with Cushing's disease patients and the basic research community interested in molecular effects of glucocorticoids. We suggest that you consider Drs. Susan Fried, Eliza Geer and Richard Meyers as potential reviewers with expertise in this area. There are no reviewers whom we request to be excluded.

Thank you for considering our work, we look forward to your response.

Regards,



Irit Hochberg and Dave Bridges