Journal of Diabetes Research

Special Issue on
Consequences of Androgen Deficiency in Men with Diabetes

CALL FOR PAPERS

Decline of serum testosterone levels results in clinical symptoms and signs of androgen deficiency or "andropause" in a portion of men. Symptoms related to androgen deficiency include bone loss, decreased muscle mass, increased visceral adipose, and cognitive decline as well as erectile dysfunction, leading to detriment of the health-related quality of life (QOL) in older men. Observational studies showed that low serum testosterone predicts type 2 diabetes and metabolic syndrome in men. Androgen deficiency is associated with insulin resistance, which is a crucial upstream driver for impaired glucose tolerance and type 2 diabetes. Serum testosterone levels are lower in men with diabetes than in healthy men in the same age group. Therefore, research that investigates the consequences of androgen deficiency in men with diabetes will have important clinical implications.

In this special issue of the Journal of Diabetes Research, we invite authors to contribute original research articles as well as review articles that stimulate the continuing efforts to understand the biological, behavioral, socioeconomic, physiological, and mechanical consequences of androgen deficiency in men with diabetes. We are also interested in manuscripts that report the recent advances in androgen replacement therapy for androgen deficiency in men with diabetes.

Potential topics include, but are not limited to:

- New insights into the cellular and molecular mechanisms of increased insulin resistance due to androgen deficiency
- Androgen receptor actions in insulin signaling pathway
- Androgen deficiency and dyslipidemia in men with diabetes
- Androgen deficiency and osteopenia/osteoporosis in men with diabetes
- Androgen deficiency and sarcopenia in men with diabetes
- Androgen deficiency and nonalcoholic fatty liver disease in men with diabetes
- Androgen deficiency and dementia in men with diabetes
- The interaction between androgens and vitamin D in men with diabetes
- Benefits and risks of androgen replacement therapy for androgen deficiency in men with diabetes

Authors can submit their manuscripts via the Manuscript Tracking System at http://mts.hindawi.com/submit/journals/jdr/adod/.

Lead Guest Editor
Takafumi Senmaru, Kyoto Prefectural University of Medicine, Kyoto, Japan
semmarut@koto.kpu-m.ac.jp

Guest Editors
Thomas H. Jones, Barnsley Hospital, NHS Foundation Trust, Barnsley, UK
hugh.jones@nhs.net

Michiaki Fukui, Kyoto Prefectural University of Medicine, Kyoto, Japan
sayarinapm@hotmail.com

Manuscript Due
Friday, 8 January 2016

First Round of Reviews
Friday, 1 April 2016

Publication Date
Friday, 27 May 2016