Obesity: Innovative Approaches to Overcome Obstacles

Edited by Drs. Cara Ebbeling, Elizabeth Selvin, Bruce Y. Lee, and Ian Young. Clinical Chemistry, published by American Association for Clinical Chemistry, is the most highly cited forum for peer-reviewed, original research in the fields of clinical chemistry and laboratory medicine.

The purpose of this issue is to highlight the current status of obesity research; global trends, economic burden, implications for chronic disease, and the role of biochemical and genetic markers in understanding the pathophysiology and guiding therapy for obesity. Particular attention will be directed toward recent findings that address well-documented challenges to identifying and implementing effective obesity prevention and treatment strategies.

Potential topics of interest include:

Population Perspectives
- National and global trends in obesity
- Economic burden and impact of obesity
- Obesity policies and population-level interventions

Translational Research
- Role of biomarkers in understanding the pathophysiology of obesity
- Molecular and biochemical aspects of obesity
- Microbiome and obesity
- Role of neuropeptides in appetite regulation
- Role of ‘omics in diet and nutrition assessment
- Genetics of obesity

Association with Health Risks
- Childhood obesity
- Psychological aspects of obesity
- Cardiometabolic consequences of obesity
- Diabetes, metabolic syndrome, and obesity
- Cancer and obesity

Clinical Intervention Strategies
- Lifestyle interventions (behavioral approaches, diet, physical activity)
- Pharmacotherapy
- Surgery (including metabolic effects of bariatric surgery)

Be a part of this special obesity issue

Submissions must be received at submit.clinchem.org by June 1, 2017

Clinical Chemistry invites authors to submit original articles related to obesity research to be considered for publication in this special issue. Journal guidelines for submission apply as described in the Information for Authors.