

Special Issue

Lipodystrophy and Fat Redistribution: From Molecular Basis to Therapies

Message from the Guest Editor

Lipodystrophy encompasses a variety of disorders characterized by different degrees of body fat loss and predisposing to insulin resistance and its metabolic complications as well as diabetes, hypertriglyceridemia, and hepatic steatosis. The lipodystrophies could be of genetic or acquired origin. Among those acquired, highly active antiretroviral therapy (HART)-induced lipodystrophy in HIV-infected patients is a common subtype. Recent advances have led to the discovery of new genes associated with lipodystrophy and have improved the knowledge of underlying processes regulating adipose cells biology, differentiation, lipid droplet assembly, and metabolism. The effects of recent drugs used in HIV infection management on adipose tissue metabolism must still be investigated, however. Original manuscripts and reviews dealing with specific and/or systematic aspects of adipose tissue phenotype alteration/redistribution, metabolism, hormonal or drug-related pathophysiology ranging from basic to translational or clinical research are very welcome from outstanding experts of the topic.

Guest Editor

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