Models for investigating effects of energy dysregulation on the skeletal system: new insights

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With extensive bone cell biology, molecular biology and experimental animal model experience Dr Tara Brennan-Speranza investigates basic research into musculoskeletal and endocrine health and biology. She is a senior lecturer in the Department of Physiology at the University of Sydney, Australia. Her research involves investigations into the physiology and pathophysiology of the musculoskeletal system and therapeutic benefits of hormonal and pharmaceutical interventions into skeletal and metabolic diseases in murine and in vitro models. Her work investigating the endocrine role of osteoblasts in metabolic control has gained international recognition.