

## Preface

We were honored when Dr Hakan Kocamiş asked that we edit a special issue dedicated to the “**Nutritional implications of health and diseases in domestic animals**”. We hope that authors, colleagues, and readers appreciate all the time and effort expended in preparing this special issue.

Animal agriculture serves mankind through converting locally produced plant products or byproducts that are unutilized or underutilized into materials richly prized by humans: milk, meat, and fiber. Level of production and composition of animal products will vary with an animal's intake of available energy or specific rate-limiting nutrients. Efficiency of production in turn is limited by availability of energy or nutrients from diets formulated for animals. Efficiency of production can be altered by the composition and processing of the plant products or byproducts that are included in the diet, diet formulation, and rumen or growth modifiers. This special issue of the *Turkish Journal of Veterinary and Animal Sciences* is the result of an invitation to authors to submit papers circulated on topics of current interest in basic and applied studies that have potential to lead to improvements in the nutritional status of domestic animals. A vast amount of papers were received and extensively reviewed and 14 peer-reviewed manuscripts were accepted. The editors of this special issue hope that direct and controlled application of the research findings compiled by these distinguished authors and presented herein, when judiciously applied under commercial settings, will enhance both the level and the efficiency of livestock production.

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