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Advances in Phenylketonuria (PKU) Nutrition and Diet Research

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Deadline for manuscript submissions:
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Message from the Guest Editors

It has been 70 years since the introduction of the first successful dietary therapy for a child with phenylketonuria (PKU) at Birmingham's Children Hospital. After so many decades the principles of the nutritional management rely on the same approach. Advancing of molecular genetics indicates that PKU is a condition that can be managed by a personalized therapeutic approach using pharmaceutical treatment options, usually in combination with dietary treatments. This has introduced many challenging questions about the real impact of new therapies on dietary patterns, food choices, nutritional status and the development of co-morbidities in patients with PKU. There are also several areas of dietary management that remain unclear. We underline the importance of health professionals collecting routine systematic data in patients with PKU in order to fully understand all aspects of treatment impact. Meta-analyses and systematic reviews are very good opportunities to helping to guide clinical practice. We expect this Special Issue to specifically promote all current Advances in Phenylketonuria (PKU) Nutrition and Dietetic Research.

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