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The Milling Journal

Milling Journal is a new online publication by Perendale Publishers Ltd., United Kingdom with its distinguished track record of technical and trade magazines in the agricultural, aquaculture and food sciences. This new peer-reviewed scientific journal will serve academia and the commercial milling sectors and related cereal and grain industries with high-quality papers. Milling is at the heart of products for both the human and the animal feed sector. It is envisaged to address fundamental and advanced technologies in the conversion of grain, cereals, pulses and legumes via milling to create diverse and bespoke secondary products. For example, ground wheat, corn, oats, barley, sorghum, beans and peas are widely used for human foods. The downstream by-products of bioethanol and potable alcohol from fermentation of ground grain are notable areas for research findings towards provision of sustainable animal feed ingredients.

The Journal will particularly embrace scientific and technical information on novel processes enabling the generation of ingredients for manufacture of bread, cakes, confectionary, pasta and a plethora of applications for diverse types of breakfast cereals, beverages and the infant formula markets. We also consider papers on complete animal feed manufacture as a core topic. These usually require pre-grinding and milling/flaking of grain and cereals for terrestrial animal feeds such as for poultry, swine, ruminants and equine. Animal feed production can involve drying, milling, pelleting, steam and pressure conditioning, shaping and texturisation dependent on specific machinery. Processes such as extrusion, cooking and expansion are of paramount importance with much research being undertaken on engineering, both mechanical and electrical. Effective storing and preservation methods offer opportunities for papers.

Given the diversity of different types of commercial pet diets ranging from wet, canned and extruded dry diets, treats and speciality diets, there is much scope to provide information on advances and discoveries. The rapidly growing aquaculture market is also very dependent on these technologies and scientific papers exploring such areas are also to be welcomed.

Manuscripts can consist of scientific work in the form of typical standard papers, short scientific communications or as review articles.

In essence, Milling Journal will appeal to the veterinary practitioner, scientist, technician, feed manufacturer and at various levels in academia such as undergraduate, masters, PhD students and post-doctoral researcher being an invaluable source of validated information and a potential location for their own research findings.

The manuscripts will be fully peer-reviewed by appropriate members of our editorial board and approved finally by the Editor-in Chief.

These OA papers will be available on our official website millingandgrain.co.uk and printed in the magazine as well as being downloadable. Links will be provided within our existing Milling and Grain magazine.

Please do not hesitate to get in touch with any queries at journal@perendale.co.uk.

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