Reviewer's report

Title: Recurrent exercise-induced acute renal failure in a young Pakistani man with severe renal hypouricemia and SLC2A9 compound heterozygosity

Version: 1 Date: 21 October 2013

Reviewer: Terence Gibson

Reviewer's report:

Acceptable for publication but case report too long, relevance of exercise to renal failure doubtful since illness days after tennis game and we have to presume no exercise in 5 months between episodes; no doubt as with many Pakistanis consanguinity was a feature; whether the demonstration of two missense mutations on the gene SLC2A9 accounted for severity of illness and dictated phenotype is highly speculative; good discussion but mechanism of acute renal failure in this case demonstrably due to urate crystal nephropathy (loin pain, crystals and RBC in urine) so authors should say so. The account adds usefully to our knowledge of renal urate transporters.