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Mihaela Ignatova* (mihaelai@stanford.edu), **Igor Kukavica** and **Lenya Ryzhik**. *The Harnack inequality for second-order elliptic and parabolic equations with divergence-free drifts of low regularity.*

We first establish the Harnack inequality and the one-sided Liouville theorem for second-order elliptic equations with divergence-free drifts with regularity lower than the scale-invariant spaces. Then, we address the more challenging parabolic case by adapting the classical Moser iteration technique to parabolic equations with divergence free drifts of low regularity. (Received September 04, 2013)