Reviewer's report

**Title:** Chemokine mediated distribution of dendritic cell subsets in renal cell carcinoma

**Version:** 1 **Date:** 1 June 2010

**Reviewer:** Miriam Reuschenbach

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The authors primarily analyzed DC infiltration in RCC and report an increased infiltration of tumors with DCs as compared to normal renal tissue. Most importantly, mature DCs were restricted to the invasive margins and form clusters with T cells.

Overall this is an interesting paper with a comprehensive discussion of the literature. There are undoubtedly numerous markers for differentiating leukocyte subpopulations and methods for infiltrate quantification are heterogeneous and often subjective. Thus, altogether results may lead to various speculations, particularly if obtained from cross-sectional cohorts. However, the reported data and discussion of the results, although obtained on a small sample number, may be important for future studies in that field.

**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.