**Reviewer's report**

**Title:** Effects of Diabetes and Hypertension on Macrophage infiltration in the rat kidney

**Version:** 1  **Date:** 8 November 2004

**Reviewer:** Enyu Imai

**Reviewer's report:**

**General**
The authors showed up-regulation of MCP-1 in association with macrophage infiltration into the glomeruli and peritubular lesions in mRen-2 rat with diabetic nephropathy. However, the manuscript seems to be a confirmative study of Kelly DJ who published in NDT 2002, 17:985.

**Major Compulsory Revisions (that the author must respond to before a decision on publication can be reached)**
The authors should cite the following manuscripts and discuss it in discussion.

In Fig. 4, The MCP-1 mRNA and protein seem to be variable. The authors should increase the number of the rats for Northern analysis and Western blotting. The RNA and protein should be isolated from glomeruli to confirm the increased MCP-1 expression in glomerular expression. The authors should show the representative figures of tubular lesions of diabetic SD rats and hypertensive rats.

**Minor Essential Revisions (such as missing labels on figures, or the wrong use of a term, which the author can be trusted to correct)**
The figures should be in order of appearance.
English editing is required.

**Discretionary Revisions (which the author can choose to ignore)**

**What next?:** Reject because too small an advance to publish in any journal

**Level of interest:** An article of limited interest

**Quality of written English:** Needs some language corrections before being published

**Statistical review:** No