

7 APPENDIX

7.1 External contribution

This study started as a collaborative effort of our group and the group of Prof. Dr. Gröne at the DKFZ in Heidelberg (Dept. for Cellular and Molecular Pathology). The mice required for this study were bred and housed in our specified-pathogen free facility at the Poliklinik der LMU (Innenstadt) here in Munich. When the mice reached an appropriate age they were sent to the collaborating group of Prof. Dr. Gröne. There, Shijun Wang performed the transplantation microsurgery and animal materials (allografts, spleens and serum) were sent back to us for further analysis as described in this thesis. Claudia Schmidt (DKFZ) determined BUN and Creatinine levels of transplanted animals. Dr. Eva Kiss, a well-trained kidney pathologist and also a member of Prof. Gröne's group in Heidelberg, generated organ sections for histopathologic and immunohistologic stainings and conducted microscopic evaluation of those specimens. Accumulated data was sent to us for further analysis.

7.2 Figures of immunohistologic stainings of allograft sections

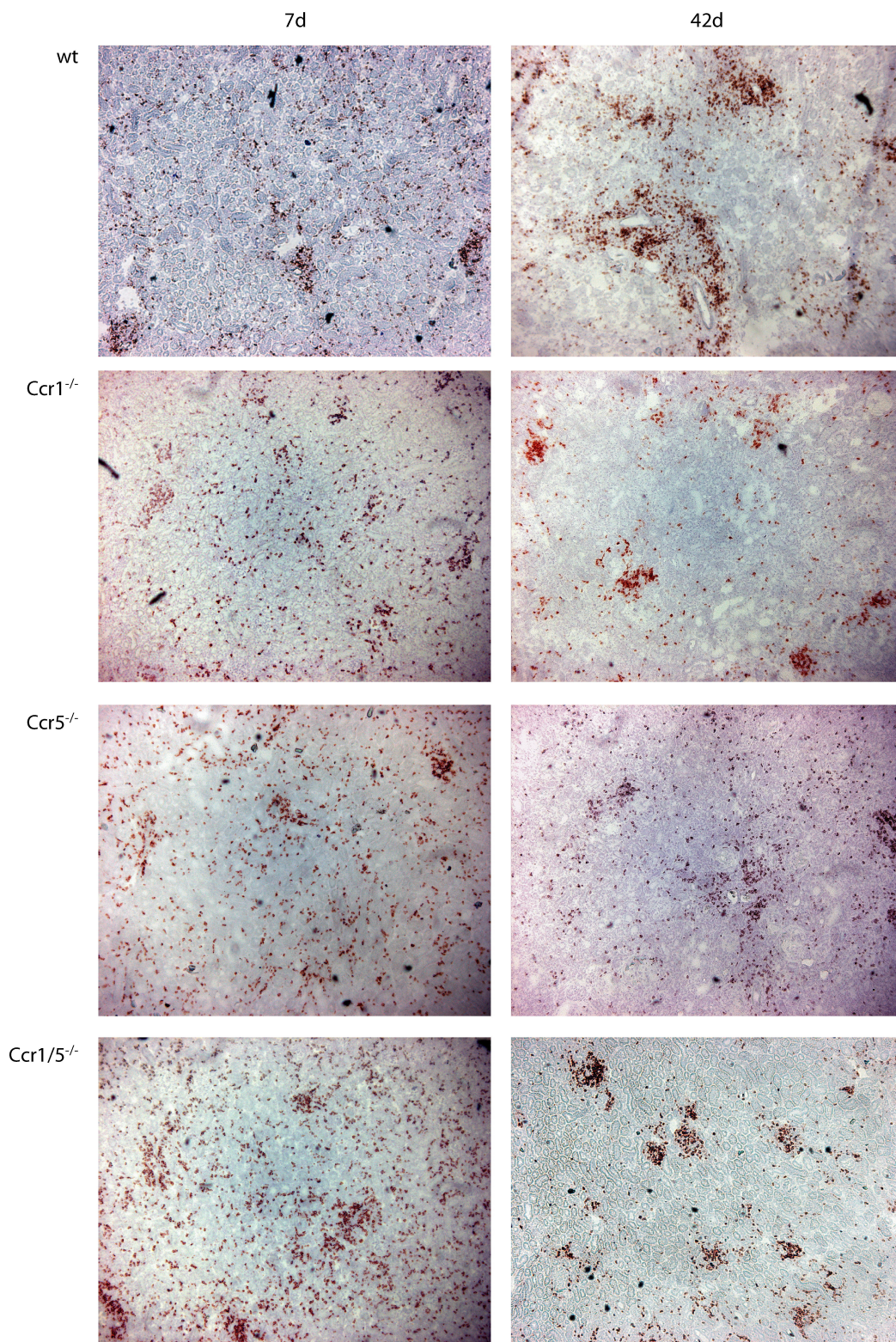


Figure 34. Effect of chemokine receptor deficiency on renal allograft infiltration with CD4⁺ cells. Representative micrographs of sections from wt, Ccr1^{-/-}, Ccr5^{-/-} and Ccr1/Ccr5^{-/-} renal allograft recipients stained for CD4⁺ cells after 7d and 42d post transplantation are shown (50x).