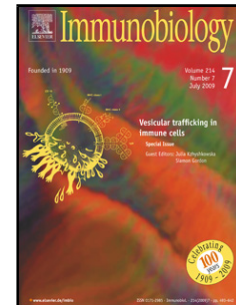


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Resistance of mice to *Leptospira* infection and correlation with chemokine response

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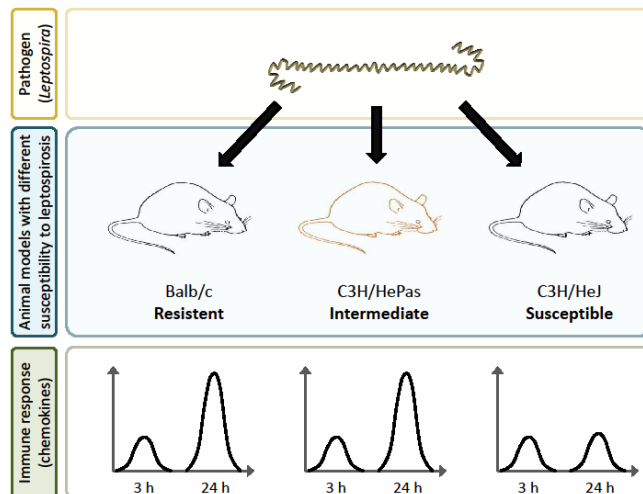
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Graphical abstract



Highlights

- Host-pathogen interaction during *Leptospira* infection induces expression of chemokines
- Chemokine profiles reflect susceptibility to leptospirosis and are associated to TLR4
- Specific transcripts of *Leptospira*, *sph1* and *tlyA*, are upregulated in lungs of susceptible mice in early stages of infection, then they are repressed only in resistant mice, while selected chemokines are induced.

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