



**Universiteit  
Leiden**  
The Netherlands

## **Cytokine-mediated regulation of immunity during persistent viral infection**

Pratumchai, I.

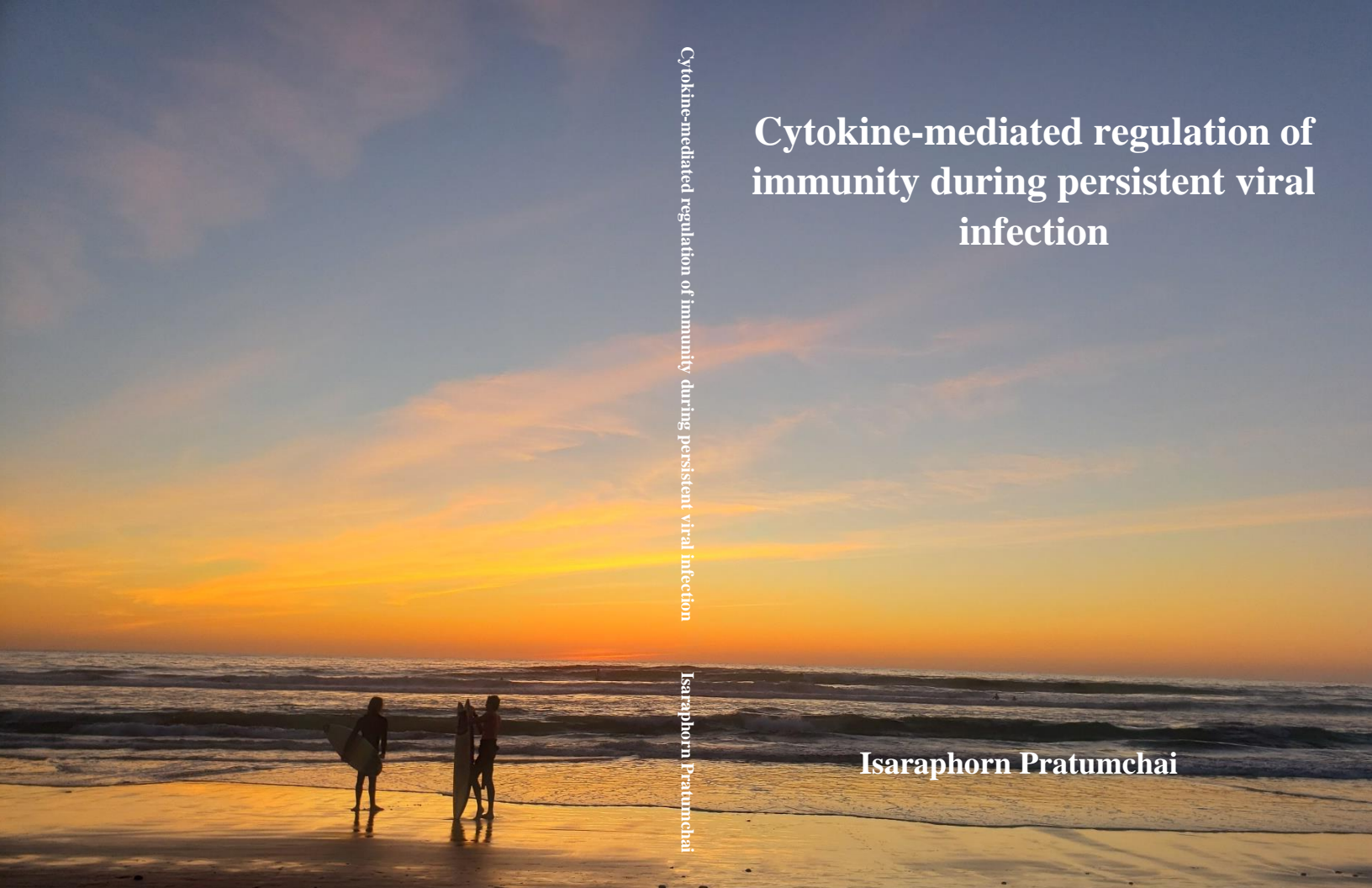
### **Citation**

Pratumchai, I. (2022, September 20). *Cytokine-mediated regulation of immunity during persistent viral infection*. Retrieved from <https://hdl.handle.net/1887/3459110>

Version: Publisher's Version

License: [Licence agreement concerning inclusion of doctoral thesis in the Institutional Repository of the University of Leiden](#)

Downloaded from: <https://hdl.handle.net/1887/3459110>

A sunset over a beach with two people carrying surfboards. The sky is a mix of blue, orange, and yellow, with the sun low on the horizon. The ocean waves are visible, and the beach is wet and reflective. Two people are standing on the beach, one on the left and one on the right, both carrying surfboards. The overall mood is peaceful and serene.

# Cytokine-mediated regulation of immunity during persistent viral infection

Cytokine-mediated regulation of immunity during persistent viral infection

Isaraphorn Pratumchai

Isaraphorn Pratumchai