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VRIJE UNIVERSITEIT

**Towards animal free testing:
Human skin and gingiva organotypic models
for the study of Langerhans Cell biology**

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan
de Vrije Universiteit Amsterdam,
op gezag van de rector magnificus
prof.dr. V. Subramaniam,
in het openbaar te verdedigen
ten overstaan van de promotiecommissie
van de faculteit der Geneeskunde
op donderdag 14 april 2016 om 11.45 uur
in de aula van de universiteit,
De Boelelaan 1105

door

Ilona Jennifer Kosten

geboren te Amsterdam