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Myocardial O utilization and energetics of the left ventricle in hypertrophic cardiomyopathy

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2017

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citation for published version (APA)

Güclü, A. (2017). *Myocardial O utilization and energetics of the left ventricle in hypertrophic cardiomyopathy: Proof for gene-specific and disease-stage specific cardiac changes.*

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VRIJE UNIVERSITEIT

**Myocardial O₂ utilization and energetics of the left
ventricle in hypertrophic cardiomyopathy**

Proof for gene-specific and disease-stage specific cardiac changes

ACADEMISCH PROEFSCHRIFT

ter verkrijging van de graad Doctor aan
de Vrije Universiteit Amsterdam,
op gezag van rector magnificus
prof.dr. V. Subramaniam,
in het openbaar te verdedigen
ten overstaan van de promotiecommissie
van de Faculteit der Geneeskunde
op donderdag 18 mei 2017 om 09.45 uur
in de aula van de universiteit,
De Boelelaan 1105

door

Ahmet Güçlü

geboren te Haarlem