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**Hypertrophic cardiomyopathy in *MYBPC3* carriers in aging**

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## Abbreviations:

ACM	Arrhythmogenic Cardiomyopathy
AF	Atrial Fibrillation
Akt	protein kinase B
BRG1	<i>SWI/SNF Related, Matrix Associated, Actin Dependent Regulator of Chromatin A4</i>
<i>C. elegans</i>	<i>Caenorhabditis elegans</i>
ChIP	Chromatin Immunoprecipitation
cMyBP-C	Cardiac Myosin Binding Protein-C
DCM	Dilated Cardiomyopathy
EAP	Epigenetic aging program
ECG	Electrocardiogram
ETS2	ETS proto-oncogene 2
GATA	GATA binding protein
HCM	Hypertrophic Cardiomyopathy
HF	Heart Failure
IGF-1	Insulin-like growth factor 1
KLF15	Krüppel-like factor 15
LV	Left Ventricle
miRNA	microRNA
mTOR	Mammalian target of rapamycin
<i>MYBPC3</i>	Cardiac Myosin Binding Protein-C gene
<i>MYH7</i>	$\beta$ -Myosin Heavy Chain
NMD	Nonsense-mediated mRNA decay
PI3K	Phosphoinositide 3-kinase
PKA	Protein Kinase A
PTC	Premature Termination of Codons
RNAi	RNA interference

RXRA	<i>Retinoid X receptor alpha (RXR-alpha)</i>
SCD	Sudden Cardiac Death
SFPQ	Splicing factor proline- and glutamine-rich
SIRT	Sirtuin
SMAD	Suppressor of Mothers against Decapentaplegic
SMG	SMG1 nonsense-mediated mRNA decay associated PI3K-related kinase
SRSF	<i>serine/arginine-rich splicing factors</i>
TGF $\beta$ 1	Transforming growth factor beta 1
UPS	Ubiquitin-proteasome system
ZBTB16	<i>Zinc finger and BTB domain-containing protein 16</i>