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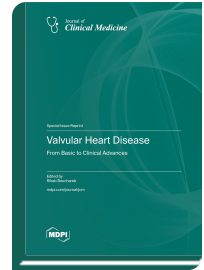
*Special Issue Reprint*

## **Valvular Heart Disease: From Basic to Clinical Advances**

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Calcified aortic valve disease (CAVD) affects over six million Americans and is associated with changes in the mechanical properties of valve leaflets, resulting in impaired valvular blood flow. CAVD is a fibrocalcific disease with multifactorial risk factors that are related to the complex environment where the aortic valve (AV) resides. This special issue focuses on the field of heart disease, exploring the relationship between heart valve disease, arrhythmia, kidney disease, and cardiovascular disease, as well as research progress on new treatment strategies and risk prediction.



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