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## Roles of Diabetes in Cardiovascular Disorders and Nephropathy

Guest Editors:

**Dr. Vivek Pandey**

**Dr. Sanjay Saini**

**Dr. Arjun Singh**

Deadline for manuscript  
submissions:  
**closed (6 February 2023)**

### Message from the Guest Editors

Dear Colleagues,

Cardiovascular diseases and chronic kidney damages are the major risk factors associated with diabetes. Articles focused on the pathophysiology of heart and kidney diseases and/or their synergistic effects during diabetes are welcome in this Special Issue.

To publish original research, review articles and commentaries on the below topics:

1. the role of diabetes in cardiovascular diseases and nephropathy: include specific cellular signaling pathways, treatment approaches, and phytochemicals used for the adverse effects of the disease;
2. mitochondrial bioenergetics in diabetic cardiomyopathies and nephropathies;
3. endoplasmic reticulum stress in the progression of in diabetic cardiomyopathies and nephropathies;
4. the effect of oxidative stress on post-translational modifications regulating diabetic cardiovascular disorders and nephropathy;
5. membrane protein/transporter protein regulation during diabetic heart and kidney diseases;
6. plant products/bioactive compounds regulating the cellular mechanisms during diabetic cardiomyopathy and/or nephropathy.



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Guest Editors

# Special Issue



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## Message from the Editor-in-Chief

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