



BioMed Research International

Special Issue on  
**Combating Kidney Fibrosis 2016**

# CALL FOR PAPERS

About 10% of the world population displays some form of kidney disease. Kidney fibrosis is the final common consequence in any types of progressive kidney diseases, resulting in subsequent massive destruction of normal kidney structure and diminishing the function. The fibrosis in kidney is caused by prolonged insults and dysregulation of normal wound healing process associated with an excessive abnormal extracellular matrix deposition. Kidney fibroblasts play a vital role. However, the origin of fibroblasts in kidney is still under the intensive debates; yet most of people agree with the heterogeneity of kidney fibroblast. Also, inflammatory cells and associated cytokines likely play vital roles in fibroblast activation process. Currently approved therapies are neither pathway nor cell-specific in nature, due to which these therapies became insufficient in curing the fibrosis and are associated with some adverse effects. Therefore, trying to understand the pathways and cells, which are relevant in the kidney fibrosis, will lead us to future strategy to combat the kidney fibrosis.

Here, we would like to invite investigators to contribute original research articles as well as review articles which stimulate the continuing efforts to understand the molecular pathology underlying kidney fibrosis, the discovery of novel strategies to combat kidney fibrosis, tissue regeneration, and the evaluation of outcomes. We are particularly appreciating if you can submit articles describing the newer concepts in fibroblast activation process and inflammation such as microRNA regulation and epigenetics, autophagy defects, and so forth. Also, we wish to have newer strategies in the area of kidney fibrosis and its therapy. Any kinds of disease models are welcomed.

Potential topics include, but are not limited to:

- ▶ Clinical biomarkers
- ▶ Advances in genetics/epigenetics
- ▶ Newer concepts which can explain fibroblast activation process
- ▶ Role of inflammation
- ▶ MicroRNAs
- ▶ Obstruction/stone leading to fibrosis
- ▶ Role of cytokine/chemokines
- ▶ Transplant kidney fibrosis
- ▶ Diabetic kidney disease
- ▶ Hypoxia in kidney fibrosis

Authors can submit their manuscripts via the Manuscript Tracking System at <http://mts.hindawi.com/submit/journals/bmri/pathology/ckf16/>.

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Friday, 4 March 2016

## First Round of Reviews

Friday, 27 May 2016

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