

# Tentative Outline

## Special Issue for Current Analytical Chemistry

### Photocatalyst for wastewater treatment

**Guest Editors:** Dr. M. Sagir, Dr. Muhammad Bilal Tahir and Dr. Abdullah Mohamed Asiri

#### **Aims & Scopes:**

Water pollution is a concern for nearly half of the population on this planet, as indicated by the EU25 barometer. The European Union has addressed this in the EU Water Framework Directive, which sets quality objectives for water protection. The EU is also committed to the UN Millennium Development Goals (MDG), one of the targets of which is to halve the proportion of people without sustainable access to safe drinking water and basic sanitation by 2030. Photocatalysis based on Nano-catalysts is a very promising method for the treatment of contaminated water. In this regard our aim to propose this special issue is to encourage scientists to publish their experimental and theoretical aspects related to this specific photocatalysis for wastewater treatment in as much detail as possible. This special issue will provide a forum for publishing papers which advance the in-depth understanding of the relationship between the structure, the properties or the functions of all kinds of photocatalytic material

**Current Analytical Chemistry (CAC) under Bentham Scientific publishers (BSP)** aims to present an overview of current works on wastewater treatment techniques. The major objectives of current special thematic issue are to find synthesis, characterization and applications of techniques in various fields such as chemical, environmental, biochemical and agri-food industries. The issue includes reviews article covering a wide range of current progress from the laboratory level to the industrial scale.

#### **Subtopics:**

The subtopics to be covered within this issue are listed below:

- **Photocatalyst for pharmaceutical wastewater treatment**
- **Photocatalyst for textile wastewater treatment**
- **Photocatalyst for tanneries wastewater treatment**
- **Photocatalyst for cosmetic industry wastewater treatment**
- **Chemical and industrial applications**
- **Challenges and breakthroughs**

#### **Schedule:**

- Manuscript Submission January 15, 2020
- Peer Review Due: February 25, 2020
- Revision Due: March 30, 2020
- Final Manuscript Due: April 20, 2020
- Notification of Acceptance by the Guest Editor: May 05, 2020

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