

July 07, 2011

Comment [Editor1]: Please enter the date of submission here.

Dear Editor,

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Please find enclosed our manuscript titled “Anti-inflammatory role of novel diphenyl triazoles and derivatives” as an Original Article for publication in *Chemical Communications*.

We synthesized a series of 1-[3-(4-phenyl)-5-phenyl-4H-1,2,3-triazol-4-yl]urea and 1-[3-(4-phenyl)-5-phenyl-4H-1,2,3-triazol-4-yl]thiourea derivatives (4Ia–4IId) and studied their role in ameliorating inflammation. These derivatives were characterized using NMR and mass spectrometry, and X-ray crystallography. The targeted compounds were further screened for their anti-inflammatory activity by using a carrageenan-induced paw edema rat model. Among the newly synthesized derivatives, compounds 4Ia–4Ic and compounds 4IIa–4IIId reduced inflammation significantly ($p < 0.0001$), thus showing extremely promising anti-inflammatory activity.

We believe these findings are of particular interest to the readers of *Chemical Communications* since they may not only be relevant for a wide variety of clinical conditions involving inflammation or infection, but may also give important clues on abating inflammation at an early stage.

This manuscript has not been published and is not under consideration for publication elsewhere. All authors have read the manuscript and have approved this submission. The authors report no conflicts of interest. The manuscript has been carefully reviewed by an experienced editor whose first language is English and who specializes in editing papers written by scientists whose native language is not English.

We appreciate your review of this manuscript for publication in *Chemical Communications*.

Sincerely,

Nagi Moni

Comment [Editor3]: Please enter all details of the corresponding author here, including email id, telephone number, and fax number.