

Botanical Garden University of Karachi, Karachi, Pakistan

Authorship Change Form

(Must be Completed and Signed by ALL Authors)

Original Authorship

LIST ALL AUTHORS AT THE TIME OF SUBMISSION

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New Authorship

All authors must sign below agreeing to the new changes in authorship. The authorship order must match the new title page of the manuscript. Signatures below certify compliance with the author responsibilities on the next page. List ALL AUTHORS in the same order as the new version.

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Conceptualization	Ideas: formulation or evolution of overarching research goals and aims.				
Data curation	Management activities to annotate (produce metadata), scrub data and maintain research				

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Conceptualization	Ideas: formulation or evolution of overarching research goals and aims.
Data curation	Management activities to annotate (produce metadata), scrub data and maintain research
	data (including software code, where it is necessary for interpreting the data itself) for
	initial use and later re-use.
Formal analysis	Application of statistical, mathematical, computational, or other formal techniques to
	analyze or synthesize study data.
Funding acquisition	Acquisition of the financial support for the project leading to this publication.
Investigation	Conducting a research and investigation process, specifically performing the experiments,
	or data/evidence collection.
Methodology	Development or design of methodology; creation of models.
Project administration	Management and coordination responsibility for the research activity planning and
,	execution.
Resources	Provision of study materials, reagents, materials, patients, laboratory samples, animals,
	instrumentation, computing resources, or other analysis tools.
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1	including mentorship external to the core team.
Validation	Verification, whether as a part of the activity or separate, of the overall
	replication/reproducibility of results/experiments and other research outputs.
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Writing - original draft	Preparation, creation and/or presentation of the published work, specifically writing the
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