

# Guidelines/Checklist for authors submitting papers discussing Natural Medicine Materials (NMM) to the *Journal of Pharmacological Sciences*

(Effective from January 2008)

Experimental procedures and manuscript preparation must comply with the proceeding requirements. Please **upload the completed checklist and required supplemental data/information in a PDF file, other than the manuscript PDF file, into the “Supplemental Information” entry field at the “Upload files” page of the web submission system.**

## Check each bracket upon completion

<b>1. Description of the NMM being studied</b>	
<input type="checkbox"/>	Provide Latin names, nomenclature author, and family name (in parentheses) for all collected materials used in the current study.
<b>2. Source of the NMM used in the study</b>	
<input type="checkbox"/>	In the case that the NMM used in the current study is collected in the field or acquired at a local market(s), the collection site(s) and the name(s) and affiliation of the person(s) identifying the material(s) should be indicated in the manuscript.
<input type="checkbox"/>	If the NMM/NMM extract(s) used in the study is purchased from an industrial source(s), the name of the manufacturer(s) and lot number of the material(s)/extract(s) should be indicated.
<b>3. Specimen number and depositing of the NMM</b>	
<input type="checkbox"/>	Indicate the specimen number(s) of the NMM being studied and the name of the affiliation/organization where these specimens are deposited.
<input type="checkbox"/>	The specimen(s) used in the study should be stored for 10 years in the affiliation/organization to permit future reference and verification.
<i>This information will allow the NMM to be used by other researchers should requests be made.</i>	
<b>4. Extraction methodology and chemical profiling of the NMM</b>	
1)	<input type="checkbox"/> The detailed method of extraction (i.e., solvent, temperature, and time) and the yield of extracts should be clearly indicated in the manuscript.
<input type="checkbox"/>	Chemical profiles of the NMM extract must be provided; this is usually done by means of an HPLC fingerprint or quantitative analysis of known components. When the bioactive constituents in the extracts are unknown, a qualitative analysis with HPLC or TLC may be acceptable.
<input type="checkbox"/>	Chemical characterization of the NMM extract(s) should be conducted by using marker substances that are characteristic to the NMM used in the study, but not ubiquitously distributed in nature.
2)	<input type="checkbox"/> In the case that the extraction methodology and chemical profiling of the NMM extracts used in the study have previously been reported by the authors in a peer review journal(s), detailed information can be substituted by providing a brief explanation along with authors' references.
<i>A chemical profile of the NMM extract and detailed explanations about it should be clearly indicated in the manuscript or should be provided to the editor along with the manuscript. That being said, this information needs to be reviewed for publication in the Journal.</i>	
<b>5. Elucidation of pharmacological activities of the NMM being studied</b>	
<input type="checkbox"/>	To evaluate pharmacological efficacy of the NMM extract(s), a standard drug(s) should be simultaneously evaluated as a reference (positive control).
<input type="checkbox"/>	The in vitro activity of an extract should be detected at concentrations lower than 100 microgram/ml.
<i>Use of reference medications will facilitate comparison of the efficacy of the NMM to established standard drugs. With such data, the readers can better appreciate the efficacy and underlying mechanism of the NMM under study.</i>	

I declare that our manuscript submitted to the *Journal of Pharmacological Sciences* has been prepared according to the guidelines described above.

Signed ( ) Date ( )