

**Table 1. Demographic characteristics of study population.**

<i>Characteristics</i>	<i>Number</i>	<i>Percentage</i>
<b>Gender</b>		
Male	62	42.8
Female	81	55.9
Missing	2	1.4
<b>Age</b>		
20-30	18	12.4
31-40	68	46.9
41-50	30	20.7
51-60	19	13.1
Over 61	8	5.5
Missing	2	1.4
<b>Nationality</b>		
Afghanistani	1	0.7
Albanian	1	0.7
Argentinian	1	0.7
American	1	0.7
Belizean	1	0.7
Chinese	3	2.1
El Salvadorian	1	0.7
Ethiopian	2	1.4
Filipino	14	9.7
German	1	0.7
Guatemalan	1	0.7
Indian	1	0.7
Japanese	2	1.4
Korean	1	0.7
Nepalese	9	6.2
Nigerian	1	0.7
Thai	89	61.4
Vietnamese	2	1.4
Missing	13	9.0
<b>Affiliation</b>		
Instructor, post-doctoral researcher, fellowship, or graduate student	80	55.9
Assistant or associate professor	37	25.5
Full time professor	10	6.9
Other	16	11.7
<b>Research Field</b>		
Health/biomedical science	119	82.1
Humanities/social science	10	6.9
Both health/biomedical and humanities/social science	2	1.4
Other	11	7.6
<b>Years of Publication Experience</b>		
0-10	107	73.8

11-20	21	14.5
21-30	7	4.8
Over 30	2	1.4
Missing	8	5.5

**Number of Indexed Publication**

0-10	94	54.8
11-20	22	15.2
21-30	5	3.4
31-40	7	4.8
Over 40	8	5.5
Missing	9	6.2

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Data are presented as number and percentage (%) of respondents.

**Table 2. Opinions regarding the ICMJE authorship criteria.**

	<b>Agree</b>	<b>Disagree</b>	<b>Undecided</b>
<b>I. ICMJE Criteria – authors must have:</b>			
1. Conceived and designed the study or analysed and interpreted the data	141 (97.2%)	2 (1.4%)	2 (1.4%)
2. Drafted or critically revised the article	141 (97.2%)	1 (0.7%)	3 (2.1%)
3. Approved the final version of the article	137 (94.5%)	3 (2.1%)	5 (3.4%)
4. Agreed to be accountable for all aspects of the work	137 (94.5%)	5 (3.4%)	3 (2.1%)
<b>II. All four criteria must be met</b>	113 (77.9%)	11 (7.6%)	21 (14.5%)

Data are presented as number and percentage (%) of respondents.

**Table 3. Underlying conflicts for authorship determination.**

	Types of conflicts experienced by 35 respondents <sup>a</sup>	Reasons identified by 40 respondents for including guest authors <sup>b</sup>
1. Prior agreement or relationship	13 (37.1%)	7 (17.5%)
2. Provided academic/scientific advice	13 (37.1%)	1 (2.5%)
3. Political or power issues	12 (34.3%)	19 (47.5%)
4. Academic Competition	8 (22.9%)	
5. Share area of interest	6 (17.1%)	
6. Intellectual passion	6 (17.1%)	
7. Others	4 (11.4%)	13 (32.5%)

Data are presented as number and percentage (%) of respondents.

<sup>a, b</sup> The sum of the percentages may be over 100% as respondents were free to choose more than one answer.

**Table 4. Contributions identified by 34 respondents who claimed to have been omitted despite contribution.**

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**I. Contributions identified by 26 respondents (76.5%) that met the first ICMJE authorship criteria: Conceived and designed the study or analysed and interpreted the data<sup>a</sup>**

1. Conceived research idea	14 (41.2%)
2. Designed the study	14 (41.2%)
3. Analysed and interpreted the data	15 (44.1%)
4. Conducted literature review	6 (17.6%)
5. Critically reviewed proposal	12 (35.3%)
6. Validated data	6 (17.6%)

**II. Contributions identified by 8 respondents (23.5%) that met the second ICMJE authorship criteria: Drafted or critically revised the article<sup>b</sup>**

1. Drafted manuscript	5 (14.7%)
2. Revised manuscript	4 (11.8%)

**III. Contributions identified by 31 respondents (91.2%) that fell outside of ICMJE criteria<sup>c</sup>**

1. Obtained research grant	3 (8.8%)
2. Collected data	14 (41.2%)
3. Provided materials used in study	10 (29.4%)
4. Provided access to research subject	4 (11.8%)
5. Provided technical help	16 (47.1%)
6. Provided statistical advice	7 (20.6%)
7. Provided academic/scientific advice	9 (26.5%)
8. Was head of department /unit	2 (5.9%)
9. Prepared diagrams/figures/table	5 (14.7%)
10. Provided writing assistance	7 (20.6%)
11. Formatted and proofread paper	6 (17.6%)
12. Others	2 (5.9%)

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Data are presented as number and percentage (%) of respondents.

<sup>a, b, c</sup> The sum of the percentages may be over 100% as respondents were free to choose more than one answer