Date: April 30th, 2022

Your Name: Andreas Wannhoff

Manuscript Title: Validation of a genotype-based algorithm that identifies individuals with low, intermediate, and high serum CA19-9 levels in cancer-free individuals and in patients with colorectal cancer Manuscript number (if known): ---

In the interest of transparency, we ask you to disclose all relationships/activities/interests listed below that are related to the content of your manuscript. "Related" means any relation with for-profit or not-for-profit third parties whose interests may be affected by the content of the manuscript. Disclosure represents a commitment to transparency and does not necessarily indicate a bias. If you are in doubt about whether to list a relationship/activity/interest, it is preferable that you do so.

The following questions apply to the author's relationships/activities/interests as they relate to the <u>current</u> <u>manuscript only</u>.

The author's relationships/activities/interests should be <u>defined broadly</u>. For example, if your manuscript pertains to the epidemiology of hypertension, you should declare all relationships with manufacturers of antihypertensive medication, even if that medication is not mentioned in the manuscript.

		Name all entities with whom you have this relationship or indicate none (add rows as needed)	Specifications/Comments (e.g., if payments were made to you or to your institution)
		Time frame: Since the initial	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	XNone	
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	XNone	
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

5	Payment or honoraria for	XNone	
	lectures, presentations,		
	speakers bureaus, manuscript writing or		
	educational events		
6	Payment for expert	XNone	
	testimony		
7	Support for attending meetings and/or travel	XNone	
8	Patents planned, issued or	Patent issued	Co-owner of a patent for a medical analysis system
	pending		assessing the risk of cancer based upon CA19-9 or CEA and FUT2- and FUT3 genotype
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	XNone	
	in other board, society, committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	XNone	
	financial interests		

AW Is co-owner of a patent issued for a medical analysis system assessing the risk of cancer based upon CA19-9 or CEA and FUT2- and FUT3 genotype.

Please place an "X" next to the following statement to indicate your agreement:

Date: April 30th, 2022

Your Name: Simone Werner

Manuscript Title: Validation of a genotype-based algorithm that identifies individuals with low, intermediate, and high serum CA19-9 levels in cancer-free individuals and in patients with colorectal cancer Manuscript number (if known): ---

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4	Consulting fees	XNone	

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	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
6	educational events Payment for expert	X None	
0	testimony		
	testimony		
7	Support for attending	X None	
'	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
	Safety Monitoring Board or		
	Advisory Board		
10	Leadership or fiduciary role	XNone	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

None.

Please place an "X" next to the following statement to indicate your agreement:

Date: April 30th, 2022 Your Name: Shao Tao Manuscript Title: Validation of a genotype-based algorithm that identifies individuals with low, intermediate, and high serum CA19-9 levels in cancer-free individuals and in patients with colorectal cancer Manuscript number (if known): ---

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		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	XNone	
3	Royalties or licenses	XNone	
4	Consulting fees	XNone	

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	lectures, presentations,		
	speakers bureaus,		
	manuscript writing or		
6	educational events Payment for expert	X None	
0	testimony		
	testimony		
7	Support for attending	X None	
'	meetings and/or travel		
8	Patents planned, issued or	XNone	
	pending		
9	Participation on a Data	XNone	
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	Advisory Board		
10	Leadership or fiduciary role	XNone	
	in other board, society,		
	committee or advocacy		
	group, paid or unpaid		
11	Stock or stock options	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical writing, gifts or other		
	services		
13	Other financial or non-	XNone	
	financial interests		

None.

Please place an "X" next to the following statement to indicate your agreement:

Date: April 30th, 2022

Your Name: Hermann Brenner

Manuscript Title: Validation of a genotype-based algorithm that identifies individuals with low, intermediate, and high serum CA19-9 levels in cancer-free individuals and in patients with colorectal cancer Manuscript number (if known): ---

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		Time frame: Since the initial	planning of the work
1	All support for the present manuscript (e.g., funding, provision of study materials, medical writing, article processing charges, etc.) No time limit for this item.	German Research Council (DFG)	The BliTz study was partly funded by grants from the German Research Council (DFG, grant no. BR1704/16-1)
		Time frame: past	36 months
2	Grants or contracts from any entity (if not indicated in item #1 above).	XNone	
3	Royalties or licenses	XNone	

4	Consulting fees	XNone
5	Payment or honoraria for	XNone
	lectures, presentations, speakers bureaus,	
	manuscript writing or	
	educational events	
6	Payment for expert	XNone
	testimony	
7	Support for attending meetings and/or travel	X_None
8	Patents planned, issued or	XNone
	pending	
9	Participation on a Data	X_None
	Safety Monitoring Board or	
	Advisory Board	
10	Leadership or fiduciary role	XNone
	in other board, society, committee or advocacy	
	group, paid or unpaid	
11	Stock or stock options	XNone
12	Receipt of equipment,	X_None
	materials, drugs, medical	
	writing, gifts or other services	
13	Other financial or non-	X None
13	financial interests	XNone

HB Received Funding from German Research Council (DFG).

Please place an "X" next to the following statement to indicate your agreement:

Date: April 30th, 2022

Your Name: Daniel Gotthardt

Manuscript Title: Validation of a genotype-based algorithm that identifies individuals with low, intermediate, and high serum CA19-9 levels in cancer-free individuals and in patients with colorectal cancer Manuscript number (if known): ---

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11	Stock or stock options	XNone	
12	Receipt of equipment,	X_None	
	materials, drugs, medical		
	writing, gifts or other services		
13	Other financial or non-	XNone	
	financial interests		

DG Is co-owner of a patent issued for a medical analysis system assessing the risk of cancer based upon CA19-9 or CEA and FUT2- and FUT3 genotype.

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