ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Ravi Bandaru

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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 author's relationships/activities/interests should be defined broadly. 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.

In item #1 below, report all support for the work reported in this manuscript without time limit. For all other items, the time frame for disclosure is the past 36 months.

		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.**	☐ None	
		the Science Olympiad USA Foundation	Science Olympiad Alumni Research (SOAR) Grant to R.B.
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	☒ **None**	
3	Royalties or licenses	☒ **None**	

		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)
4	Consulting fees	☒ **None**	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

		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)
11	Stock or stock options	☒ **None**	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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

☒ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Trisha Wise-Draper

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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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.**	☐ None	
		Merck Sharp & Dohme Corp., a subsidiary of Merck & Co., Inc., Kenilworth, NJ, USA	for the conduct of the clinical trial by T.W.D
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	☒ **None**	
3	Royalties or licenses	☒ **None**	

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4	Consulting fees	☒ **None**	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Yaping Liu

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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		Cincinnati Children's Hospital Medical Center	startup grant to Y.L.
		Northwestern University	startup grant to Y.L.
		Robert H. Lurie Comprehensive Cancer Center of Northwestern University	startup grant to Y.L.
		NHGRI	R56HG012360 to Y.L.
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	☒ **None**	
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11	Stock or stock options	☐ **None**	
		Freenome Inc.	Y.L. owns stocks
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☐ **None**	
		Quest high performance computing facility at Northwestern University	computational resources
		Genomics Compute Cluster	computational resources
13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Benjamin H Hinrichs

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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6	Payment for expert testimony	☒ **None**	
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8	Patents planned, issued or pending	☒ **None**	
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13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Bin Zhang

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: David A. Hildeman

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Dechen Lin

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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Time frame: past 36 months			
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4	Consulting fees	☒ **None**	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

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12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Francis Paul Worden

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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		Exelexis	Institutional Principal Investigator
		LOXO	Institutional Principal Investigator
		PDS Biotech	Click Institutional Principal Investigator
		Merus	Institutional Principal Investigator
		Coherus	Institutional Principal Investigator
		Eli Lilly	Institutional Principal Investigator
		Merck & Co	Institutional Principal Investigator
		Epicenter Rx	Institutional Principal Investigator
		Regeneron	Institutional Principal Investigator
Time frame: past 36 months			
2	Grants or contracts from any entity (if not indicated in item #1 above).	☒ **None**	
3	Royalties or licenses	☒ **None**	

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4	Consulting fees	☒ **None**	
		Coherus	Consultant
		PDS Biotechnology	Consultant
		Sun Pharma	Consultant
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☐ **None**	
		Eisai Inc.	Manuscript writing
		Eisai Inc.	Poster presentation
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
		Sun Pharma	Travel and meeting
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☐ **None**	
		Adlai Nortye	Advisory Board Member
		Acendo	Advisory Board Member
		Johnson & Johnson	Advisory Board Member
		PDS Biotechnology	Steering Committee Member
		Sun Pharma	Advisory Board Member
		Exelexis	Advisory Board Member
		Merck & Co., Inc.	Advisory Board Member
		Eisai Inc.	Advisory Board Member
		Merus	Advisory Board Member
		Fore	Advisory Board Member
		Exelexis	Steering Committee Member
		PDS Biotechnology	Advisory Board Member
10	Leadership or fiduciary role in	☒ **None**	

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	other board, society, committee or advocacy group, paid or unpaid		
11	Stock or stock options	☒ **None**	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Hailu Fu

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Haizi Zheng

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

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4	Consulting fees	☒ **None**	
5	Payment or honoraria for lectures, presentations, speakers bureaus, manuscript writing or educational events	☒ **None**	
6	Payment for expert testimony	☒ **None**	
7	Support for attending meetings and/or travel	☒ **None**	
8	Patents planned, issued or pending	☒ **None**	
9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

		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)
11	Stock or stock options	☒ **None**	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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

☒ I certify that I have answered every question and have not altered the wording of any of the questions on this form.

ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Jocelyn Liang

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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Time frame: past 36 months			
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3	Royalties or licenses	☒ **None**	

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Li Wang

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Marsha Kocherginsky

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Matthew O Old

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Maura Gillison

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Mingxiang Teng

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Shuchi Gulati

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Dalia El-Gamal

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: Neal Dunlap

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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ICMJE DISCLOSURE FORM

Date: 3/11/2026

Your Name: John M Kaczmar

Manuscript Title: Genome-Wide Variations of End Motif in Cell-Free DNA Fragments Distinguish Immunotherapy Responders from Non-Responders in Head and Neck Cancer: A Multi-Institute Prospective Study

Manuscript Number (if known): 196284-JCI-CRPH-1

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		Replimmune	Consulting service
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9	Participation on a Data Safety Monitoring Board or Advisory Board	☒ **None**	
10	Leadership or fiduciary role in other board, society, committee or advocacy group, paid or unpaid	☒ **None**	

		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)
11	Stock or stock options	☒ **None**	
12	Receipt of equipment, materials, drugs, medical writing, gifts or other services	☒ **None**	
13	Other financial or non-financial interests	☒ **None**	

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

☒ I certify that I have answered every question and have not altered the wording of any of the questions on this form.