Ricardo Aguayo

Oct 12, 2021 10:25:00 EDT New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Kunza Ahmad

Oct 08, 2021 19:00:06 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Galit Alter

Oct 12, 2021 11:45:27 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

Company or Organization

Entity	Туре	Interest Held By		
Leyden Labs	Employment	Self		
Title: Senior Director and Head of Platform Research Additional Information:	Position Description: guide scienti	fic strategy		
SeromYx Systems, Inc	Employment	Self		
Title: chief scientific officer Additional Information:	Position Description: guide scienti	fic strategy		

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

 No.
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Tochi Anioke

Oct 12, 2021 10:26:46 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Jessica Ansel

Oct 08, 2021 09:27:56 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Caroline Atyeo

Oct 12, 2021 10:48:15 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Ralph Baric Oct 11, 2021 12:39:25 EDT New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

a. Please describe those relationships.

I have performed previous research on the Moderna and Jannsen COVID19 vaccines.

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Dan Barouch

Disclosure Purpose: 21-15596

Summary of Interests			
Company or Organization			
Entity		Туре	Interest Held By
Alkermes, Inc.		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Avidea		Consultant	Self
Category: Consultant Additional Information:	Description:		
BARDA		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Bill and Melinda Gates Foundation		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Celsion		Consultant	Self
Category: Consultant Additional Information:	Description: consultant		
CureVac		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
DARPA		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Gilead Sciences		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Henry Jackson Foundation		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Intima Biosciences		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Janssen Research and Development		Grant / Contract	Self
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information:	Recipient Type: Institution Grant / Contract Purpose:		
Laronde		Consultant	Self
Category: Consultant Additional Information:	Description:		

Legend Biotech		Grant / Cor	tract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information:	Recipient Type: Institution Grant / Contract Purpose: Research				
Massachusetts Consortium on Pathogen Readiness (MassCPR)		Grant / Cor	itract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:	Recipient Type: Institutio Grant / Contract Purpose				
Meissa		Consultant		Self	
Category: Consultant Additional Information:	Description:				
MRC		Grant / Cor	itract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:		Recipient Type: Institution Grant / Contract Purpose: Research			
Musk Foundation		Grant / Cor	itract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:		Recipient Type: Institution Grant / Contract Purpose: Research			
NIH		Grant / Cor	tract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:	Recipient Type: Institutio Grant / Contract Purpose				
Pfizer		Consultant		Self	
Category: Consultant Additional Information:	Description: consultant				
Ragon Institute		Grant / Cor	itract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: academic research Additional Information:		Recipient Type: Institution Grant / Contract Purpose: Research			
Regeneron Pharmaceuticals		Grant / Cor	itract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: manuscript support Additional Information:		Recipient Type: Institution Grant / Contract Purpose: Other - manuscript support			
SANOFI PASTEUR INC.		Grant / Cor	itract	Self	
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information: Recipient Type: Institution Grant / Contract Purpose: Research					
SQZ Biotech		Consultant		Self	
Category: Consultant Additional Information:	Description: consultant				
Vector Sciences		Stock		Self	
Additional Information:					
Zentalis		Grant / Contract Self		Self	
Recipient Name: Dan Barouch Grant / Contract Description: contract research Additional Information: Recipient Type: Institution Grant / Contract Purpose: Research					
Intellectual Property					
Туре			Is Licensed	Interest Held By	

Туре		Is Licensed	Interest Held By
Patent - COMPOSITIONS AND METHODS FOR TREATING CORONAVIRU		Yes	Self
Description: COMPOSITIONS AND METHODS FOR TREATING CORONAVIRUS INFECTION Pro	atent Number: 63/135 182		

Patent Status: Provisional

Filing Jurisdiction: USA

Licensees:

Licensee Title Date

Patent Number: 63/135,182
Patent Holder: Current Institution

Additional Information:

Janssen Research and Development					
Patent - COMPOSITIONS AND METHODS FOR TREATING CORONAVIRU	Yes	Self			
Description: COMPOSITIONS AND METHODS FOR TREATING CORONAVIRUS INFECTION Patent Status: Provisional Filing Jurisdiction: USA Licensees:		Patent Number: 63/121,482 Patent Holder: Current Institution Additional Information:			
Licensee	Title	Date			
Janssen Research and Development					
Patent - COMPOSITIONS AND METHODS FOR TREATING CORONAVIRU				Yes	Self
Description: COMPOSITIONS AND METHODS FOR TREATING CORONAVIRUS INFECTION Patent Status: Provisional Filing Jurisdiction: USA Licensees:		Patent Number: 63/133,969 Patent Holder: Current Institution Additional Information:			
Licensee	Title	Date			
Janssen Research and Development					
Patent - COMPOSITIONS AND METHODS FOR TREATING CORONAVIRU				Yes	Self
Description: COMPOSITIONS AND METHODS FOR TREATING CORONAVIRUS INFECTION Patent Status: Provisional Filing Jurisdiction: USA Licensees:		Patent Number: 3,101,131 Patent Holder: Current Institution Additional Information:			
Licensee	Title	Date			
Janssen Research and Development					

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

Yes.

a. Please list the other authors' names here.

Ai-ris Y. COLLIER, MD,1 Jingyou YU, PhD,1 Katherine MCMAHAN, MS,1 Jinyan LIU, PhD,1 Abishek CHANDRASHEKAR, MS,1 Jenny S. MARON, BS,2 Caroline ATYEO, MS,2 David R. MARTINEZ, PhD,3 Jessica L. ANSEL, NP,1 Ricardo AGUAYO, BS,1 Marjorie ROWE, BS,1 Catherine JACOB-DOLAN, BS,1 Daniel SELLERS, BS,1 Julia BARRETT, BS,1 Kunza AHMAD, MS,1 Tochi ANIOKE, BS,1 Haley VANWYK, BS,1 Sarah GARDNER, BS,1 Olivia POWERS, BS,1 Esther A. BONDZIE, BA,1 Huahua WAN, MS,1 Ralph S. BARIC, PhD,3 Galit ALTER, PhD,2 Michele R. HACKER, ScD,1 Dan H. BAROUCH, MD, PhD 1*

Certification



Julia Barrett

Oct 09, 2021 14:35:11 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Esther Apraku Bondzie

Oct 08, 2021 09:58:52 EDT New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Oct 12, 2021 10:21:54 EDT New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Ai-ris Collier

Oct 13, 2021 16:20:15 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

Company or Organization

Entity		Туре	Interest Held By
Burroughs Wellcome Fund		Grant / Contract	Self
Recipient Name: Ai-ris Collier Grant / Contract Description: In support of the Reproductive Scientist Development Program Scholar Additional Information:	Recipient Type: Individual Grant / Contract Purpose: Research		
Eunice Kennedy Shriver National Institute of Child Health and Human Development		Grant / Contract	Self
Recipient Name: Ai-ris Collier Grant / Contract Description: Reproductive Scientist Development Program HD000849 Additional Information:	Recipient Type: Individual Grant / Contract Purpose: Research		

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Sarah Gardner

Oct 08, 2021 19:02:00 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Michele Hacker

Oct 08, 2021 09:25:59 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

Company or Organization

	Entity	Туре		Interest Held By
	National Institutes of Health	Grant / C	ontract	Self
Recipient Name: Lee Nadler Grant / Contract Description: Harvard Catalyst (Harvard Clinical and Translational Science Center)		Recipient Type: Institution Grant / Contract Purpose: Research		

Additional Information: Salary support to my institution

Additional Questions:

NIH UL1 TR002541

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

 No.
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Catherine Jacob-Dolan

Oct 08, 2021 09:03:34 EDT New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Jinyan Liu Oct 08, 2021 10:23:04 EDT New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Jenny Maron

Oct 08, 2021 11:31:00 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interest

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



David Martinez

Oct 13, 2021 17:36:08 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

Company or Organization

. , ,			
Entity	Туре	Interest Held By	
Burroughs Wellcome Fund	Grant / Contract	Self	
Recipient Name: David R. Martinez Grant / Contract Description: Postdoctoral Enrichment Award Additional Information: This grant supports my research.	Recipient Type: Individual Grant / Contract Purpose: Research		
Howard Hughes Medical Institute	Grant / Contract	Self	
Recipient Name: David R. Martinez Grant / Contract Description: Hanna H Gray Fellowship Additional Information: This grant supports my research program.	Recipient Type: Individual Grant / Contract Purpose: Research		

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

 No.
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Katherine McMahan

Oct 12, 2021 14:21:08 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Oct 12, 2021 11:38:24 EDT
New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Marjorie Rowe

Oct 08, 2021 08:35:39 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interest

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Daniel Sellers

Oct 08, 2021 10:57:24 EDT
New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Haley VanWyk

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Huahua Wan

Oct 12, 2021 10:30:50 EDT

New England Journal of Medicine

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?

2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification



Jingyou Yu

Disclosure Purpose: 21-15596

Summary of Interests

I do not have any interests to disclose at this time.

Additional Questions:

- 1. Are there other relationships or activities that readers could perceive to have influenced, or that give the appearance of potentially influencing, what you wrote in the submitted work?
- 2. What is the manuscript title?

Differential Kinetics of Immune Responses Elicited by COVID-19 Vaccines

3. Are you the corresponding author?

No.

Certification

