

Disclosure Purpose: 22-05944

Summary of Interests

Company or Organization

Entity	Type	Interest Held By
Pfizer Inc.	Employment	Self
<i>Title:</i> Senior Vice President and Chief Scientific Officer Vaccines Research and Development		<i>Position Description:</i>
<i>Additional Information:</i>		
Pfizer Inc.	Stock	Self
<i>Additional Information:</i>		
Pfizer Inc.	Stock Option	Self
<i>Additional Information:</i>		

Intellectual Property

Type	Is Licensed	Interest Held By
Patent - Compositions and Methods for Eliciting an Immune ...	No	Self
<i>Description:</i> Compositions and Methods for Eliciting an Immune Response Against Clostridium Difficile		<i>Patent Number:</i> PCT/IB2018/057076
<i>Patent Holder:</i>		<i>Patent Status:</i>
<i>Licensees:</i>		<i>Filing Jurisdiction:</i>
<i>Additional Information:</i>		
Patent - Immunogenic Compositions Of Staphylococcus Aureu ...	No	Self
<i>Description:</i> Immunogenic Compositions Of Staphylococcus Aureus Antigens		<i>Patent Number:</i> PCT/US2010/039510
<i>Patent Status:</i>		<i>Patent Holder:</i>
<i>Filing Jurisdiction:</i>		<i>Additional Information:</i>
<i>Licensees:</i>		
Patent - Compositions and Methods for Eliciting an Immune ...	No	Self
<i>Description:</i> Compositions and Methods for Eliciting an Immune Response Against Clostridium Difficile		<i>Patent Number:</i> PCT/IB2020/053005
<i>Patent Holder:</i>		<i>Patent Status:</i>
<i>Licensees:</i>		<i>Filing Jurisdiction:</i>
<i>Additional Information:</i>		
Patent - Neisseria Meningitidis Compositions And Methods ...	No	Self
<i>Description:</i> Neisseria Meningitidis Compositions And Methods Thereof		<i>Patent Number:</i> PCT/IB2014/064091
<i>Patent Status:</i>		<i>Patent Holder:</i>
<i>Filing Jurisdiction:</i>		<i>Additional Information:</i>
<i>Licensees:</i>		
Patent - Group B Streptococcus Polysaccharide-Protein Con ...	No	Self
<i>Description:</i> Group B Streptococcus Polysaccharide-Protein Conjugates, Methods For Producing Conjugates, Immunogen		<i>Patent Number:</i> PCT/IB2016/052455
<i>Patent Holder:</i>		<i>Patent Status:</i>
<i>Licensees:</i>		<i>Filing Jurisdiction:</i>
<i>Additional Information:</i>		
Patent - Neisseria Meningitidis Compositions and Methods ...	No	Self
<i>Description:</i> Neisseria Meningitidis Compositions and Methods Thereof		<i>Patent Number:</i> PCT/IB2013/051791
<i>Patent Status:</i>		<i>Patent Holder:</i>
<i>Filing Jurisdiction:</i>		<i>Additional Information:</i>
<i>Licensees:</i>		
Patent - Immunogenic Compositions Against Clostridioides ...	No	Self
<i>Description:</i> Immunogenic Compositions Against Clostridioides (Clostridium) Difficile And Methods Thereof		<i>Patent Number:</i> PCT/IB2021/055373
<i>Patent Holder:</i>		<i>Patent Status:</i>
<i>Licensees:</i>		<i>Filing Jurisdiction:</i>
<i>Additional Information:</i>		
Patent - Non-Lipidated Variants of Neisseria Meningitidis ...	No	Self

<i>Description:</i> Non-Lipidated Variants of Neisseria Meningitidis ORF2086 Antigens <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2011/053934 <i>Patent Holder:</i> <i>Additional Information:</i>		
Patent - Immunogenic Fusion Polypeptides	No	Self	
<i>Description:</i> Immunogenic Fusion Polypeptides <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2014/059462 <i>Patent Holder:</i> <i>Additional Information:</i>		
Patent - Group B Streptococcus Polysaccharide-protein Con ...	No	Self	
<i>Description:</i> Group B Streptococcus Polysaccharide-protein Conjugates, Methods for Producing Conjugates, Immunogen <i>Patent Holder:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2021/057714 <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Additional Information:</i>		
Patent - Immunogenic Compositions Comprising Conjugated C ...	No	Self	
<i>Description:</i> Immunogenic Compositions Comprising Conjugated Capsular Saccharide Antigens, Kits Comprising the Sam <i>Patent Holder:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2020/053280 <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Additional Information:</i>		
Patent - Compositions and Methods Relating to a Mutant Cl ...	No	Self	
<i>Description:</i> Compositions and Methods Relating to a Mutant Clostridium Difficile Toxin <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2013/059183 <i>Patent Holder:</i> <i>Additional Information:</i>		
Patent - Immunogenic Compositions Comprising Conjugated C ...	No	Self	
<i>Description:</i> Immunogenic Compositions Comprising Conjugated Capsular Saccharide Antigens and Uses Thereof <i>Patent Holder:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2022/054920 <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Additional Information:</i>		
Patent - Immunogenic compositions for use in pneumococcal ...	No	Self	
<i>Description:</i> Immunogenic compositions for use in pneumococcal vaccines <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2021/060097 <i>Patent Holder:</i> <i>Additional Information:</i>		
Patent - Multicomponent Immunogenic Composition For The P ...	No	Self	
<i>Description:</i> Multicomponent Immunogenic Composition For The Prevention Of Beta-hemolytic Streptococcal (BHS) Dise <i>Patent Holder:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/US2009/063268 <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Additional Information:</i>		
Patent - Escherichia Coli Compositions And Methods Thereo	No	Self	
<i>Description:</i> Escherichia Coli Compositions And Methods Thereof <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2020/060081 <i>Patent Holder:</i> <i>Additional Information:</i>		
Patent - Compositions And Methods Of Use Of ORF1358 From ...	No	Self	
<i>Description:</i> Compositions And Methods Of Use Of ORF1358 From Beta-hemolytic Streptococcal Strains <i>Patent Holder:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/US2009/047902 <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Additional Information:</i>		
Patent - Neisseria Meningitidis Compositions And Methods ...	No	Self	
<i>Description:</i> Neisseria Meningitidis Compositions And Methods Thereof <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2018/050563 <i>Patent Holder:</i> <i>Additional Information:</i>		
Patent - Neisseria Meningitidis Compositions And Methods ...	No	Self	
<i>Description:</i> Neisseria Meningitidis Compositions And Methods Thereof <i>Patent Status:</i> <i>Filing Jurisdiction:</i> <i>Licensees:</i>	<i>Patent Number:</i> PCT/IB2020/058928 <i>Patent Holder:</i> <i>Additional Information:</i>		
Patent - Vaccination Against Bacterial And Betacoronaviru ...	No	Self	
<i>Description:</i> Vaccination Against Bacterial And Betacoronavirus Infections	<i>Patent Number:</i> PCT/IB2022/053951		

Patent Status: Filing Jurisdiction: Licensees:	Patent Holder: Additional Information:		
Patent - Immunogenic Polysaccharide Protein Conjugated Co ...	No	Self	
Description: Immunogenic Polysaccharide Protein Conjugated Comprising A Polysaccharide Derived From B Streptococc Patent Holder: Licensees:	Patent Number: PCT/IB2017/056830 Patent Status: Filing Jurisdiction: Additional Information:		
Patent - Neisseria Meningitidis Compositions And Methods ...	No	Self	
Description: Neisseria Meningitidis Compositions And Methods Thereof Patent Status: Filing Jurisdiction: Licensees:	Patent Number: PCT/IB2016/050829 Patent Holder: Additional Information:		
Patent - Compositions And Methods For Preparing Staphyloc ...	No	Self	
Description: Compositions And Methods For Preparing Staphylococcus Aureus Serotype 5 And 8 Capsular Polysaccharid Patent Holder: Licensees:	Patent Number: PCT/US2010/039473 Patent Status: Filing Jurisdiction: Additional Information:		
Patent - Compositions And Methods Of Use Of ORF 554 From ...	No	Self	
Description: Compositions And Methods Of Use Of ORF 554 From Beta Hemolytic Streptococcal Strains Patent Holder: Licensees:	Patent Number: PCT/US2009/047886 Patent Status: Filing Jurisdiction: Additional Information:		
Patent - Escherichia Coli Compositions and Methods Thereo	No	Self	
Description: Escherichia Coli Compositions and Methods Thereof Patent Status: Filing Jurisdiction: Licensees:	Patent Number: PCT/IB2019/057025 Patent Holder: Additional Information:		
Patent - Compositions Relating To A Mutant Clostridium Di ...	No	Self	
Description: Compositions Relating To A Mutant Clostridium Difficile Toxin And Methods Thereof Patent Status: Filing Jurisdiction: Licensees:	Patent Number: PCT/IB2012/051999 Patent Holder: Additional Information:		
Patent - Neisseria Meningitidis Compositions And Methods ...	No	Self	
Description: Neisseria Meningitidis Compositions And Methods Thereof Patent Status: Filing Jurisdiction: Licensees:	Patent Number: PCT/IB2020/050988 Patent Holder: Additional Information:		
Patent - Compositions Comprising Three OspA Fusion Protei ...	No	Self	
Description: Compositions Comprising Three OspA Fusion Proteins For Medical Use Patent Status: Filing Jurisdiction: Licensees:	Patent Number: PCT/US2021/026599 Patent Holder: Additional Information:		
Patent - Escherichia Coli Compositions and Methods Thereo	No	Self	
Description: Escherichia Coli Compositions and Methods Thereof Patent Status: Filing Jurisdiction: Licensees:	Patent Number: PCT/IB2021/059820 Patent Holder: Additional Information:		
Patent - Immunogenic Compositions Comprising Conjugated C ...	No	Self	
Description: Immunogenic Compositions Comprising Conjugated Capsular Saccharide Antigens And Uses Thereof Patent Holder: Licensees:	Patent Number: PCT/IB2022/054914 Patent Status: Filing Jurisdiction: Additional Information:		

Additional Questions:

- 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.
- What is the manuscript title?

Nirmatrelvir-ritonavir and viral rebound in COVID-19

3. **Are you the corresponding author?**

Yes.

a. **Please list the other authors' names here.**

James Rusnak Patrick Caubel

Certification

I certify that the information provided in this disclosure is complete and accurate.

Disclosure Purpose: 22-05944

Summary of Interests

Company or Organization		
Entity	Type	Interest Held By
Pfizer	Employment	Self
<i>Title:</i> senior vice president <i>Additional Information:</i>		<i>Position Description:</i> chief safety officer
Pfizer	Stock	Self
<i>Additional Information:</i>		
Pfizer	Stock Option	Self
<i>Additional Information:</i>		

Additional Questions:

- 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.
- What is the manuscript title?**
Nirmatrelvir-Ritonavir and COVID-19 Viral Load Rebound
- Are you the corresponding author?**
No.

Certification

I certify that the information provided in this disclosure is complete and accurate.

Disclosure Purpose: 22-05944

Summary of Interests

Company or Organization		
Entity	Type	Interest Held By
Pfizer, Inc.	Employment	Self
<i>Title:</i> SVP, Chief Development Officer, Internal Medicine & Hospital <i>Additional Information:</i>		<i>Position Description:</i>
Pfizer, Inc.	Other Securities	Self
<i>Security Description:</i>		<i>Additional Information:</i>
Pfizer, Inc.	Stock	Self
<i>Additional Information:</i>		

Additional Questions:

- 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.
- What is the manuscript title?**
Nirmatrelvir–Ritonavir and Viral Load Rebound in Covid-19
- Are you the corresponding author?**
No.

Certification

I certify that the information provided in this disclosure is complete and accurate.