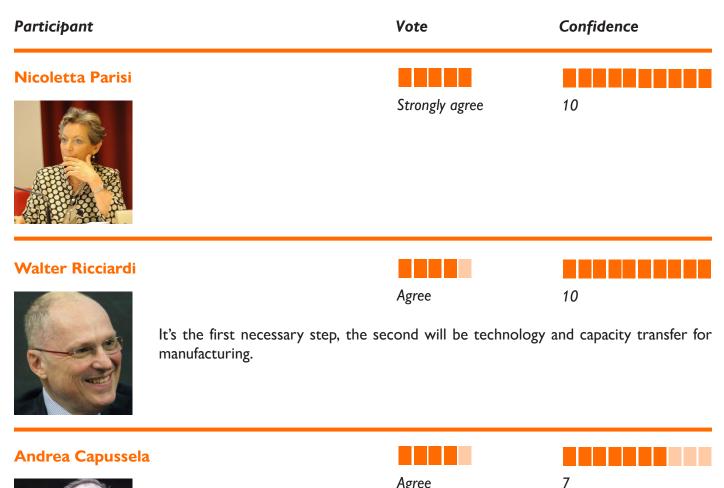
# **Festival of Economics 2021: Survey**

### **Question 1 - Vaccines** •

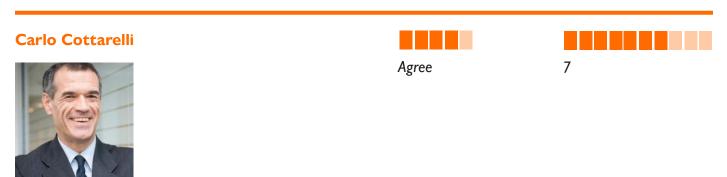
A temporary waiver on vaccine patents will allow even the least developed countries to rapidly proceed with their vaccination campaigns.





Credible patent protection is crucial in fostering innovation. Beating the pandemic is now a higher priority, however, and that apparently requires stopping the virus globally, to stem the rise of new variants. This, and the public support that vaccine producers often received, justifies the waiver.

Agree



Participant	Vo	ote	Confidence
Gianni Toniolo	N Vaccine waiver may help but in itself without support with logistics, trair question is "it depends"		•
Massimo Baldini	N	eutral	8
Andrea Gavosto			

In the short run the speed of vaccinations in LDC depends upon productive capacity. In the long run, the repeal of patents may lead to a backlash in R&D.

Disagree

6

Agree	6



**Gilberto Turati** 

The issue is somewhat more complex. It is not only about vaccine patent but also on patents related to vaccine components (and there are more than a hundred). It is also an issue related to the productive capacity for all the components. Waiving patents does not solve easily this second issue.





**Olivier Blanchard** 

Producing and selling at cost in existing plants is probably a better way to go.

Participant		Vote	Confidence
Bruna Bagnato		Strongly agree	10
Andrea Giuricin		Disagree	8
William H Janewa	y	Agree	8
Franco Debenede	tti Rimando a http://www.francodeber vetti.	Strongly disagree nedetti.it/ produrre-e-dist	10 ribuire-nonregalare-i-bre-
Fabiano Schivardi	The biggest problem is production	Disagree , distribution and inocula	8 tion, not the patent.

Participant		Vote	Confidence
Paolo Morando			
		Agree	8
	We follow the evolution of the know little or nothing about wh		,

know little or nothing about what is happening in entire continents, such as Africa. Who has been there, tells of non-existent vaccination campaigns. And we have all seen what happened in India, with hundreds of corpses burned in the streets. Western countries (but also China) with their own tools must take charge of all this.

### Valentina Bosetti





I have low confidence in my statement as I am not an expert in vaccination programs roll out nor in developing countries health systems, hence I do not know what part of the barrier to diffusion cost represents.

Paola Profeta







Vaccine patents may increase inequality (and reduce competition), but this is not my field of expertise.

Agree	7



**Giuseppe Pignatone** 

Credo che una sospensione dei brevetti agevolerebbe la produzione non tanto nei Paesi meno sviluppati ma nel resto del mondo.







The waiver may help to reach all countries with the vaccine, but the speed of the vaccination campaign depends also on other issues (e.g., inputs, production sites,...) that need to be tackled at the same time.

Participant		Vote	Confidence
Francesco Decard	olis Governments should compensate	Agree e pharma for a waiver or	8 n vaccine patents.
Robert Johnson	Having access to the recipe and done. The access is necessary but		5 to all people must both be
Michael Spence	Another major issue is vaccine pr	Agree roduction and distributio	7 on at speed.
Innocenzo Cipolle	etta It depends on how the waiver negotiate with the producers.	Agree is adopted. I think tha	7 t is better and possible to
Beata Javorcik		Strongly disagree	8



Even if patents were waived, LDCs wouldn't be able to rapidly start producing vaccines. Neither would they be able to import them from other developing countries. The lack of knowledge, experience and inputs would constitute serious barriers even in the absence of patent protection.

Participant		Vote	Confidence
Cristiano Gori		Agree	7
Federico Rampini		Strongly disagree	10
Claudio Lucifora	The issue of production capacity is	Agree also a relevant issue onc	6 se the waiver is cleared.
Massimiliano Vatie	<b>There is not only a problem of IPR</b>	Agree As, but also of transferring	7 g know-how.
Paolo Figini		Agree	9



I strongly agree with the waiver on vaccine patents, because health reasons should have the priority on economic rights (and also because research was strongly financed by public funds). I am more doubtful on the postive effects on developing countries, because there are many other factors at play (mainly technology skills, which are quite advanced for RNA vaccines).

Participant	Vote	Confidence
Antonio Sassano		
- W/r	Strongly agree	10
Tak	Patonts are powerful incentives to innevation. But in t	the special case of worldwide

Patents are powerful incentives to innovation. But in the special case of worldwide vaccination campaigns Big Pharma has a gigantic opportunity of free Data collection on the effects of mRna inoculation in human bodies. What is the value of this opportunity? In my opinion it fully justifies, from a mere economic point of view, a temporary waiver on vaccine patents.

Chiara Mio	Strongly agree	10
Francesco Billari	Agree	7
Rohinton P. Medhora	Agree	9



While not a "silver bullet" a TRIPS waiver is part of the arsenal of responses the global community must employ to maximize uptake of the vaccine and redress inequities in its rollout and in the innovation system more broadly.

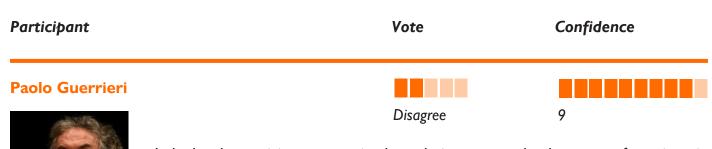




Considerata la complessità del processo produttivo, ampliare il numero dei produttori non conduce a un aumento della produzione di vaccini.

Disagree

9



I doubt that waiving patents is the solution to supply shortages of vaccines in developing and poor countries. Access to patents was not the same as acquiring the knowledge and the technology to make a vaccine. Other measures (exports, licensing, etc.) would help to produce more vaccines in the short term.

### Paul Milgrom

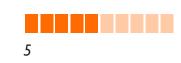




Even without IP hurdles, a quick ramp up in supply requires raw materials plus vials, filters, tubing, pharma bags, etc which takes time to ramp up production.

Laura Zoller







I would agree on securing vaccine free of charge to developing countries in the most rapid and efficient way with the full support of developed countries but I am not in the position to decide whether the waiver on vaccine patents is the most suitable way to do so.

### Jayati Ghosh



10



The IPR waiver is only the first step - actual transfer of technology is essential.







In general the statement sounds logic, admit that to the (limited) knowledge I have the cost of vaccine doesn't seem the main roadblock to proceed with vaccination globally.

Participant		Vote	Confidence
Rino Rappuoli		Strongly disagree	9
Franco Bassanini		Agree	8
Simona Colarizi	La sospensione temporanea può sicurezza nella modalità di produzi		8 a potrebbe non garantire la

di produzione dei vaccini stessi. nella modalita





**Michele Polo** 

This policy may create a problem on the next wave of vaccines/drugs as it ex-post cuts rents from research. Hence it should be accompanied by a permanent role of public institutions on research in pharma.





**Salvatore Rossi** 

There is no evidence of a negative role of patents in the production of vaccines around the world.

Participant	Vote	Confidence
Oriana Bandiera	Disagree	9
Carlo Borgomeo	Strongly agree	8

I believe that an only temporary waiver will not have a negative impact on the free market and will not reduce the relevance of intellectual property rights.

Floriana Cerniglia







The only way to end the COVID-19 pandemic is to immunize enough people worldwide. To solve "such supply problem" a temporary waiver on vaccine patents might be a solution.

**Carlo Scarpa** 





The problem is not the patents - it is the existence of industrial capacity. And the long term effects of waiving the patents not only will endanger future research, but will jeopardize the decisions to build new industrial capacity.

### Roberto H. Tentori





There are two main considerations: The first consideration is that the richest communities, from a moral point of view, cannot allow that many women, men and children of the poor countries die because they cannot afford the cost of vaccination. The second reason is much more egoistic and pragmatic: if the poor countries do not vaccinate their population, in the bear future the richest countries will suffer other pandemic waves with new types of virus.

Participant	Vote	Confidence
Jens Woelk	Agree	9
Chiara Cordelli	Agree	7

I am not an economist, so I cannot make predictions. However, a waiver on patents would constitute an improvement on the current situation - it would not only increase the number of providers but also reduce the exploitative power of particular pharmaceutical companies to take unfair advantage of people for their own self-enrichment.

Branko Milanovic	Strongly agree	8
Gregorio De Felice	Disagree	8



Patents are not the key obstacle preventing Least Developed Countries from proceeding with their vaccination campaigns.

### Massimo De Alessandri





The pandemic situation related to Covid 19 is a global emergency and even the most developed and rich economies have commonly experienced the negative consequences. This situation has also highlighted the speed at which a virus can spread without controll around the globe and the vulnerability to which we all are exposed. The speed with which the vaccination solution was found is unprecedented and has seen all the world's best researchers allied and has been supported by the availability of unlimited financial resources. In a situation like the one that we all have experienced and are experiencing, I believe that the principle of mutual aid is a duty; not forgetting that, probably, the return to the normality (with full freedom of movement than before) could be easily achieved with an increasingly widespread immunity.

Participant	Vote	Confidence
Magda Bianco	Agree	5
Alessandro Pajno	Strongly agree	10

A temporary waiver on vaccine patents is already provided in some national regulations and today is justified by the pandemic. Moreover, there is a global interest in increasing vaccination which meets fundamental needs of solidarity.

### Paolo Collini



Franca Maino		
	Agree	9

The main issue in the short term (next 24 months) is production. Producing a vaccine is quite a complex issue and requires very specialized plants. These ones will not be developed in a short time. Vaccines are purchased mainly by governments. Governments in developed countries could more effectively put in contract the need for a share of doses for less developed countries at a price close to marginal cost. Such an action would require a high level of coordination among states and a role to a supranational authorities is required. At this stage, changing legal rules for patent may just reduce future effort in development. If we have so many vaccines developed in such a short time we should remember that profit has driven the effort of big pharma.

Disagree

8

Participant	Vote	Confidence
Pedro Gomes	Agree	6
Andrea Montanino		
	Disagree	6

Production capacity of vaccines in the world is still constrained. Need to enhance production before.

### **Rossella Miccio**







Equitable access to vaccines, diagnostics and therapeutics is mandatory to end the global pandemics. Key solutions are: Temporary waiver of IP rights; Tech and know how transfer to facilitate expansion of manufacturing capacity also in the Global South; Serious funding to increase access to vaccines worldwide.

## Leonida Tedoldi

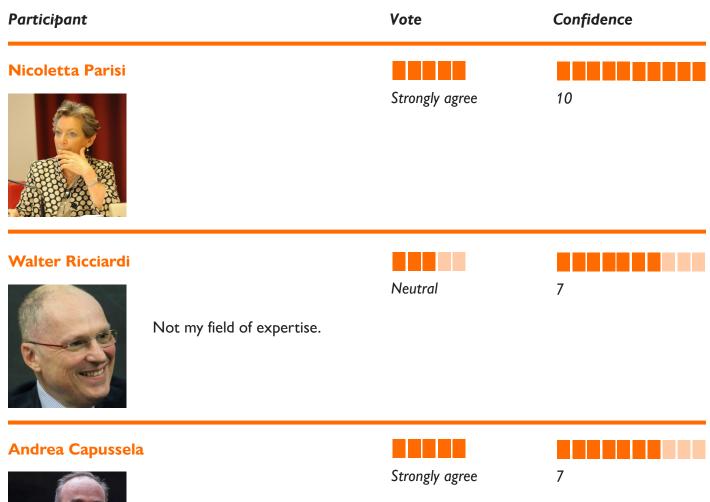




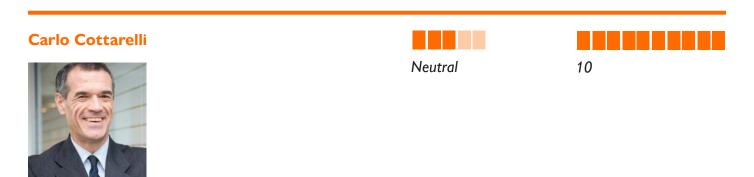
# **Festival of Economics 2021: Survey**

### • Question 2 - Progressiveness of taxation

In order to cope with the legacy of the pandemic in terms of distribution of income and public debt, most OECD countries should increase taxes at the very high end of the income distribution.



The evidence suggests that the pandemic is increasing income inequality. Tax progressivity has declined over the past decades, moreover, and the shift does not seem to have boosted growth. So a return to higher progressivity seems strongly advisable, ideally in a coordinated move across the OECD.



Participant	Vote	Confidence
Gianni Toniolo		
	Agree	7

I should have said I strongly agree but here again it depends on the right mix of wealth and income taxes. I am not an expert of public finance but I know that the devil is always in the details. But, in principle, I strongly agree.

Massimo Baldini	Agree	8
Andrea Gavosto	Agree	6
Gilberto Turati	Agree	8



Most of the increase in inequality that has been observed seems concentrated in the top 1% of the income distribution. However, these taxpayers are definitely better equipped than all the other 99% to find appropriate ways to avoid paying taxes.

### **Olivier Blanchard**





"Should" is too strong. Could is better. It would be good, but the additional debt is sustainable without such an action.

Participant		Vote	Confidence
Bruna Bagnato	La misura può avere un senso sol minata lotta all'evasione fiscale	Strongly agree o se preceduta e accom	8 pagnata a una seria e deter-
Andrea Giuricin		Strongly disagree	10
William H Janewa	y	Strongly agree	10
Franco Debenede	tti In ogni caso non in Italia dove pre	Disagree	10 48% tenendo conto del co-

In ogni caso non in Italia dove pressione fiscale è al 42% (48% tenendo conto del costo evasione) contro media OCSE del 34%, e USA al 24%. La lotta alla povertà non si vince combattendo la ricchezza, ma promuovendo la crescita, non quindi aumentando le tasse.







In addition to the traditional redistribution argument, there is evidence that high income people have suffered less, and in many cases have accumulated savings. They should contribute proportionally more to cover the costs.

Participant		Vote	Confidence
Paolo Morando		Strongly agree	10
<u>@</u>	In recent years, differences in incon grown and will continue to grow	ne distribution in Weste	,

grown and will continue to grow following the pandemic. An intervention in this direction, which was already necessary, is now necessary, in particular by focusing on financial and real estate revenues, redistributing resources in training interventions in favor of the younger generations, especially in the most backward regions.

Valentina Bosetti	Similarly I am no expert on taxation	Agree	7
Paola Profeta			
		Disagree	8

It depends on the country, we can't generalize. Moreover tax progressivity can be reached in different ways, not necessarily by increasing the top rate (is this what your question refers to?), which may have disincentive effects on labour supply by top earners and thus negative effects on revenues, etc.





Risulta dalle statistiche che un effetto della pandemia ha fatto arricchire ancora di più gli strati più ricchi. Ritengo quindi giusta una forma di riequilibrio.





To the extent that this is a one-off measure, I agree. I would more structurally reconsider the taxation of international corporate income and of inter-generational transfers of wealth. More complicated, but structural.

Participant		Vote	Confidence
Francesco Decard	Addressing tax evasion and elusic taxes.	Neutral	8 an adding (or increasing)
Robert Johnson		Strongly agree	8
Michael Spence	It depends a lot on which country assets like real estate are too low to rebalance in this area.		
Innocenzo Cipolle	etta It depends on the rate of taxation.	Agree	8
Beata Javorcik		Neutral	5



Ultimately this is a question of societal preferences and thus it is about politics and not just economics.

Participant		Vote	Confidence
Cristiano Gori		Agree	7
Federico Rampini		Agree	8
Claudio Lucifora	The issue at the moment is less times of rapid growth low income priority rather than raising taxatio	groups benefit more, pus	

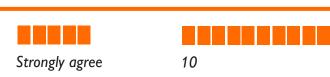


Massimiliano Vatiero

Strongly agree

9

Paolo Figini





The inability and the lack of political willingness to tax the very rich and multinational companies is the great shame of our times. It is a question of fairness, social justice, but also economic efficiency.

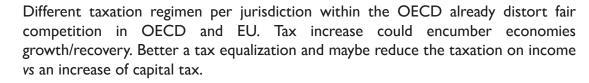
Participant		Vote	Confidence
Antonio Sassano	This is how civilized people behave.	Strongly agree	10
Chiara Mio		Disagree	10
Francesco Billari		Disagree	8
Rohinton P. Medh	ora	Agree	9
Sabino Cassese	È una soluzione alla Robin Hood. Q di spesa?	Disagree Quale sarebbe l'entrata pr	9 revista, rispetto al volume

Participant		Vote	Confidence
Paolo Guerrieri		Agree	8
	•		use their room of maneuver for or Covid and post Covid policy
Paul Milgrom			
and the second s		Agree	8



It is not just the pandemic, but a whole constellation of trends that drive a wedge between the rich and the poor and contribute to despair and death, as well as threatening our civilization with increasing social unrest.





Participant		Vote	Confidence
Rino Rappuoli		Disagree	7
Franco Bassanini		Agree	9
Simona Colarizi	Riforma del fisco, aumentare le tas successione ai livelli europei.	Strongly agree	8 lito, omologare le tasse di
Michele Polo	An international coordination is r high income people.	Strongly agree	8 e among fiscal regimes by
Salvatore Rossi			



Not in Italy, where the fiscal pressure on honest taxpayers is already very high.

Disagree

6

Oriana Bandiera       Disagree       9         Disagree       9         Taxing wealth would be more effective and more equitable.         Carlo Borgomeo       Strongly agree       10         I believe taxes must necessarily be progressive in a civilized country.         Floriana Cerniglia       Agree       6         The pandemic has affected the most vulnerable, even the poorset and most vulnerable categories who have had less access to care and the possibility of social distancing, for instance at home. The pandemic is also creating winners and losers across sectors. But it hit more those sectors where workers with lower wages were already working. The possibility that income inequality will increase is very real.	Participant		Vote	Confidence
Strongly agree       10         I believe taxes must necessarily be progressive in a civilized country.         Floriana Cerniglia         Agree       6         The pandemic has affected the most vulnerable, even the poorest and most vulnerable categories who have had less access to care and the possibility of social distancing, for instance at home. The pandemic is also creating winners and losers across sectors. But it hit more those sectors where workers with lower wages were already working. The	Oriana Bandiera	Taxing wealth would be more effec		9
Agree 6 The pandemic has affected the most vulnerable, even the poorest and most vulnerable categories who have had less access to care and the possibility of social distancing, for instance at home. The pandemic is also creating winners and losers across sectors. But it hit more those sectors where workers with lower wages were already working. The	Carlo Borgomeo	l believe taxes must necessarily be		
	Floriana Cerniglia	categories who have had less access instance at home. The pandemic is it hit more those sectors where we	st vulnerable, even the poo s to care and the possibili also creating winners and orkers with lower wages v	orest and most vulnerable ty of social distancing, for losers across sectors. But



**Carlo Scarpa** 

### Roberto H. Tentori



10



I strongly disagree to increase the taxes for the following reasons: 1. This is the period that the state should give and not take money from tax payers. Tax rates in Italy are already very high, and an increase of them in this period will not help the recovery of the economy. Recovery is the most important goal that countries should target in this dramatic years. Without a total economic recovery we will suffer great problems with employment, public deficit and debt, lack of investments, ecc. 2. In my opinion a full recovery will take probably 5 years may be less, but will not be reached in the short term. After the economic recovery will be reached, then tax pressure may be reviewed for those sectors that have very significant global results and profits (e.g. the so called new economy) that in many cases avoid countries' taxation. 3. Today most countries can have full disclosure of all the necessary information of the taxpayers. With a much more coordinated link between databases, many significant tax evaders could be be identified and many taxes can be recovered. In conclusion in my opinion after the economy recovery tax pressure can increase on corporate taxes of specific profitable sectors like new economy and a more accurate, effective and aggressive policy should be carried out to identify the important tax evaders.

Strongly disagree

Participant	Vote	Confidence
Jens Woelk	Agree	7
Chiara Cordelli	Strongly agree	9



Two reasons for taxing the super rich. Reciprocity: the wealthy have been less burdened, and have often benefited from, the pandemic - something for which they cannot claim merit, given the collective and luck-based nature of the phenomenon. Democracy: large relative inequalities undermine democracy, generating conflict and fragmentation.

# Branko Milanovic Strongly agree </tab



Even without the pandemic, there was a need to offset the drift towards a higher concentration of income and wealth. However, the increase in tax rates may fail given the high potential for tax avoidance among very high net worth individuals.

Agree

### Massimo De Alessandri



8



The increase in public debt in addition to the crisis of some heavily impacted economic sectors are certainly the worst legacy that will remain from the pandemic crisis. This will be a general situation for all economies. As at the end of a war, it will be necessary to understand how to "manage" the repayment of the public debt, the sustainability of which will depend solely on the growth rates of the relative economies. The main driver cannot therefore be linked to the increase in income taxation (regardless of the level) but must go through significant investment programs to stimulate the growth of economies, also in order to provide new job opportunities for those who have lost it.

Participant		Vote	Confidence
Magda Bianco		Agree	9
Alessandro Pajno	The tax system is an efficient met of justice and solidarity.	Agree hod of income redis	9 stribution even for the purpouses

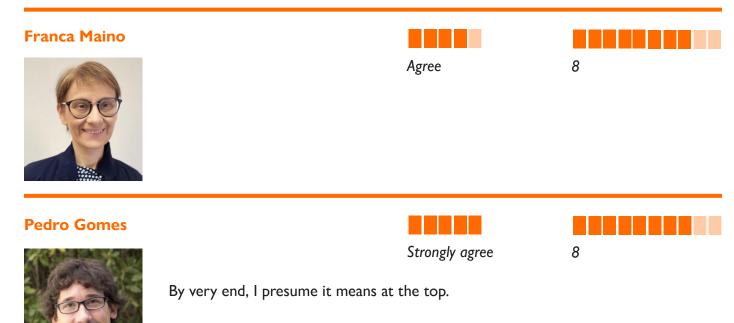
Paolo Collini



The financial legacy of pandemic is a huge debt for the future generations. This is an issue of intergenerational issue not a high or low income issue. I'd rather look at differences in assets: old generation have taken advantage of a time in which States accumulated large deficits: those who accumulated most, regardless their age (in Italy there is no inheritance tax) should contribute more, not people with high income.

Disagree

9



Participant		Vote	Confidence	
Andrea Montanino	)			
		Neutral	7	
	Uniform corporate taxation among OECD countries might be preferable.			
Rossella Miccio				
		Agree	7	
Leonida Tedoldi				
		Strongly agree	10	