Proc.	Natl.	<u>Ac</u> ad.	Sci.	USA

Vol. 89, pp. 132-136, January 1992

Cell Biology

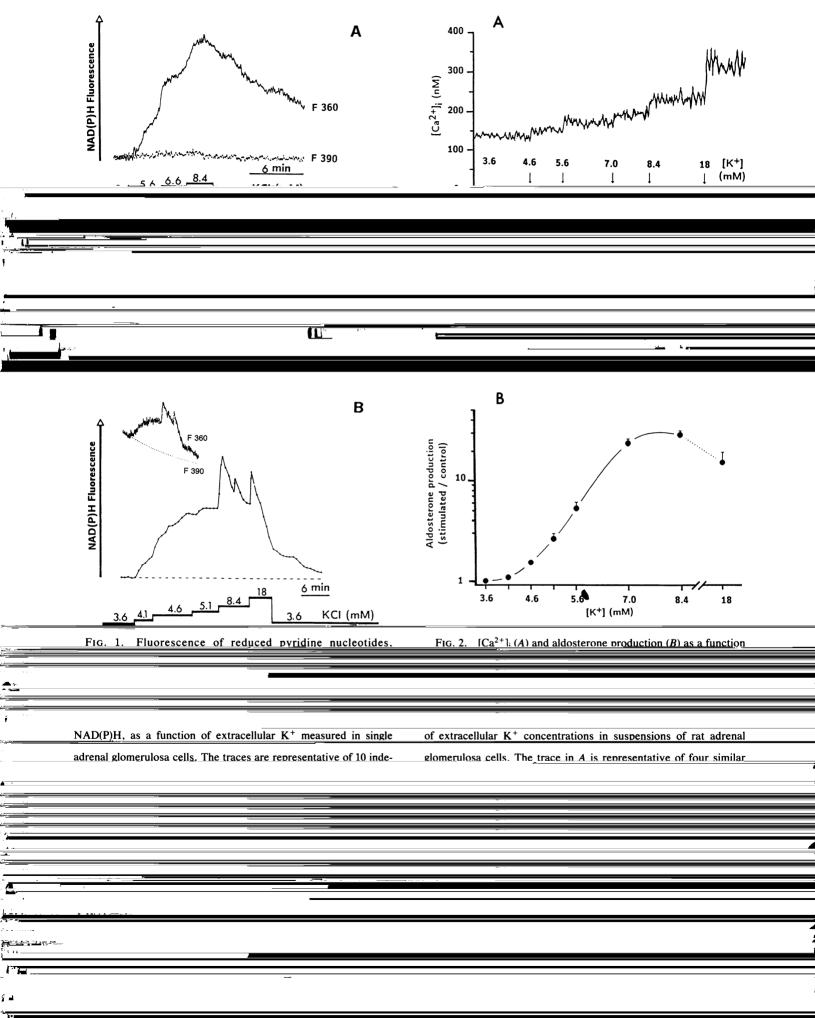
Pyridine nucleotide redox state parallels production of aldosterone

in potassium-stimulated adrenal glomerulosa cells

[NAD(P)H fluorescence/cytosolic Ca²⁺/rat glomerulosa cells/steroidogenesis]

· · · · · · · · · · · · · · · · · · ·		
	fin .	
<u>.</u>		
Ĺ		
<u>.</u>		
15		
<u>, 5</u>		
•		
·•		
-		
la l		
3		i
_		
_		
_		
_		
_		
_	*Division de Biochimie Clinique, Department of Medicine, University of Geneva, Centre Médical Universitaire, CH-1211 Geneva, Switzerland; and	
	*Division de Biochimie Clinique. Department of Medicine. University of Geneva. Centre Médical Universitaire. CH-1211 Geneva. Switzerland: and	
	*Division de Biochimie Clinique. Department of Medicine. University of Geneva. Centre Médical Universitaire. CH-1211 Geneva. Switzerland: and	

Cell Biology: Pralong et al.



	more than twice that obtained with 5.6 mM K ⁺ . Furthermore, after short K ⁺ exposure (Fig. 3 A and B), NAD(P)H returned to basal in about 2–3 min. In contrast, prolonged stimulations (more than 5 min) often resulted in recovery times longer than	luorescence	 Mm	manaman	A	
	1 ·					
· · · · · · · · · · · · · · · · · · ·	<u>p</u>					
				7		
l.						
ч						
₹						
· · ·						4
۵						
	· · · · · · · · · · · · · · · · · · ·					

Cell Biology: Pralong et al.	Proc. Natl. Acad. Sci. USA 89 (1992) 135
	A NADPH-to-NADP ratio. This was taken as evidence that the
A A A A A A A A A A A A A A A A A A A	
<u>الم الم الم الم الم الم الم الم الم الم </u>	
<u></u>	
1	
f	
<u>].</u>	
k	
ււ ծրե 1. Նու	
ζ ι (1	
} <mark>} -</mark>	
•	
ل	
.f	
A AND THE AND THE ADDRESS OF THE ADD	·
······································	

.

	may also favor steroidogenesis by promoting cholesterol 9. Haning, R., Tait, S. A. S. & Tait, J. F. (1972) Endocrinology	
×		
¢ <u> </u>		
4 <u></u>		
·		
	transport into the mitochondria (33).87, 1147–1167.In summary, the amplitude and kinetics of NAD(P)H10.Braley, L. M. & Williams, G. H. (1977) Am. J. Physiol. 233,	
	<u>۹</u>	
- 1		
ř.		
rm		
hi		_
•		
<u>.</u>		_
2- ₁		
۲.		
		_
r:		i
Fi J		
<u> </u>		
6		
-		
2		=
)		
Ś		