

OXYGEN: PHYSIOLOGICAL ADJUSTMENTS TO CHANGES

IN ITS SUPPLY AND DEMAND

Satellite Conference  
29th Congress of the IUPS  
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D.R. Jones      G. Satchell  
CONVENORS

This symposium and its proceedings are dedicated to Professor G.H. Satchell  
on the occasion of his retirement.

INTRODUCTION

"There of necessity will be much arguing, much writing, many opinions".  
John Milton "Areopagitica"

The purpose of this symposium is to provide a forum where comparative, general, medical and clinical physiologists can argue over the basic necessity of animal life. Whether we will profit from this interaction remains to be seen but the "target talk" format is our attempt to ensure in depth discussion on thematically related topics. I feel the prefacing quote should be apposite since it has been my experience that physiologists not only abhor a vacuum but also seldom let pass the opportunity of aiming brick bats at their colleagues.

The "Target talkers" prepared brief outlines of their presentations which were circulated to all discussants before the meeting. This will have allowed discussants to prepare questions and also to speak in support, in qualification or even in opposition to the Target Talk using formal or informal short slide presentations. The Target Talks and brief summaries of the argument following each presentation, prepared by the chairmen of each session, will be published in a symposium volume by the Physiological Society of New Zealand.

I would like to thank the Target speakers for submitting their outlines, more or less on time, and David Randall and Pat Butler to agreeing to chair two of the sessions. My thanks are also due to Pat Cragg, Rufus Wells and Paul Hill for helping with arrangements in New Zealand, including publication, and, in advance, to Paul Hill and Bob Boutillier who have agreed to take notes of the session chairmen. Also, I wish to acknowledge the efforts made by my wife, Valerie, in helping me to arrange the academic side of the programme. She wrote several hundred letters to discussants and efficiently organised the distribution of Target Talks and other circulars. In fact, if she had not taken on so much of the organisational load it would not have been possible for me to be a last minute substitute for one of the original Target speakers who in the event did not attend. Finally, I am grateful to the Dunedin Company of Physiologists and the Canadian Society of Zoologists for financial support, which has helped to defray some of the expenses of this meeting.

David R. Jones  
September 4th, 1983.