

SUFFER and SURVIVE MARTIN GOODMAN

Gas Attacks, Miners' Canaries, Spacesuits and the Bends

The Extreme Life of J. S. Haldane

'A fascinating portrait of an indomitable Victorian who deserves to be better understood and celebrated' Christopher Hudson, DAILY MAIL



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**'A colourful, highly dramatic life of risk and research . . .
But *Suffer and Survive* is much more than a litany of the gruesome
realities of the industrial revolution and is often surprisingly funny,
littered with anecdotes and quotes from Haldane's letters . . .
A darn good yarn about a darn good man' Bob Flynn, *Scotsman***

**John Scott Haldane endured the most startling environments of his age.
As miners died in pursuit of coal, this Scottish aristocrat with the family
motto 'Suffer' gulped down cocktails of toxic gas to learn what poisoned them.
Striding through the inferno of underground disasters, it was he who introduced
canaries to mines as a way of testing the toxicity of air. A non-swimmer, he
jumped overboard in a full diving suit to solve the problem of 'the bends'.
And as German scientists released poison gas into the trenches of the First
World War, Haldane breathed mixtures of deadly substances to learn what
the enemy was using so as to devise the first gas mask.**

***Suffer and Survive: The Extreme Life of J. S. Haldane* is a portrait
of a remarkable family as well as of the remarkable man at its head.
Fascinating and thought-provoking, it shows the fingerprints of John
Scott Haldane all over the twenty-first century, and reminds us of the
extraordinary sacrifices that have been made in the cause of science.**

**'Haldane deserves to be celebrated not only for his discoveries, but
for the manner in which he practised science . . . [A] fascinating
biography' Andro Linklater, *Literary Review***

**'Excellent . . . [Goodman] has a novelist's eye for evocative detail that
lesser writers might miss and the result is as compelling as a historical
novel . . . As Goodman's fine biography shows, we still have a lot to
learn from Dr J. S. Haldane' P. D. Smith, *The Times***

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