# The Spark of Life Electricity in the Human Body

## The Spark of Life

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rances Ashcroft 🐧

'A wonderful book'

### **Reviews**

It is simple in study safer to understand. It can be full of knowledge and wisdom Your way of life span is going to be enhance when you full looking at this book.

(Lavina Torp)

### THE SPARK OF LIFE



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Paperback. Book Condition: New. Not Signed; A wonderful book . (Bill Bryson). Ashcroft achieves the sort of rich simplicity most science writers can only dream about .this book carries the eponymous spark of life . (Sunday Telegraph). From before birth to the last breath we draw, from consciousness to sexual attraction, fighting infection to the beating of our hearts, electricity is essential to everything we think and do. In The Spark of Life award-winning physiologist Frances Ashcroft reveals the secrets of ion channels, which produce the electrical signals in our cells. Can someone really die of fright? How do cocaine, LSD and morphine work? Why do chilli peppers taste hot? Ashcroft explains all this and more with wit and clarity. Anyone who has ever wondered about what makes us human will find this book a revelation. A rare gift for making difficult subjects accessible and fascinating . (Bill Bryson). She communicates complex science with engaging passion and eloquence . (Helen Dunmore, Observer). Compelling and very readable, an excellent writer. (Literary Review). Riveting.she has a stock of good tales. (New Scientist). Lively, conversational prose, refreshingly accessible to any lay reader .a positively charged little book . (Daily Telegraph). Frances Ashcroft is Professor of Physiology at the University of Oxford and a Fellow of Trinity College Oxford. She is also Director of Owion, a consortium of scientists studying ion channels, the heroes of this book. Her scientific research focuses on how a rise in your blood sugar level stimulates the release of insulin and what why this process goes wrong in diabetes. She has won many prizes for her research, most recently the L'Oreal/UNESCO 2012 Women in Science award. She is also a recipient of the Lewis Thomas Prize for Science Writing for The Spark of Life. Her first...

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