

**A REGISTER OF EXPERIMENTS
ANATOMICAL, PHISIOLOGICAL,
& PATHOLOGICAL, PERFORMED
ON LIVING ANIMALS**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649061686

A Register of Experiments Anatomical, Physiological, & Pathological, Performed on Living Animals by James Turner

Except for use in any review, the reproduction or utilisation of this work in whole or in part in any form by any electronic, mechanical or other means, now known or hereafter invented, including xerography, photocopying and recording, or in any information storage or retrieval system, is forbidden without the permission of the publisher, Trieste Publishing Pty Ltd, PO Box 1576 Collingwood, Victoria 3066 Australia.

All rights reserved.

Edited by Trieste Publishing Pty Ltd.
Cover @ 2017

This book is sold subject to the condition that it shall not, by way of trade or otherwise, be lent, re-sold, hired out, or otherwise circulated without the publisher's prior consent in any form or binding or cover other than that in which it is published and without a similar condition including this condition being imposed on the subsequent purchaser.

www.triestepublishing.com

JAMES TURNER

**A REGISTER OF EXPERIMENTS
ANATOMICAL, PHISIOLOGICAL,
& PATHOLOGICAL, PERFORMED
ON LIVING ANIMALS**

A

REGISTER OF EXPERIMENTS

ANATOMICAL, PHYSIOLOGICAL, & PATHOLOGICAL,

PERFORMED

ON LIVING ANIMALS,

BY

JAMES TURNER, VETERINARY SURGEON,
REGENT STREET, LONDON,

AUTHOR OF "A TREATISE UPON THE FOOT OF THE HORSE, AND A PECULIAR
METHOD OF SHOEING."



LONDON:

PRINTED FOR THE AUTHOR; AND PUBLISHED BY
LONGMAN, ORME, BROWN, GREEN, AND LONGMAN.

1839.

1023.

189. f. 66.



ADVERTISEMENT.

THE few following pages contain the description of an unique experiment as repeated upon the bloodvessels of living animals; together with results which consist of the development of some new facts, so important and startling in the contemplation of the phenomena of animal life, that, in the humble opinion of the Author, they constitute an entire new field for inquiry, worthy the research and scrutiny of the human physiologist, having the same reference to the structure and economy of man as to inferior animals.

*Horse Infirmary, 311, Regent Street,
London, April 1839.*

TO THE MEDICAL PROFESSION.

THE presumption of an individual so obscure as the writer of these pages soliciting the time and attention (though merely a passing notice) of a body of men constituting a scientific class of the community, justly acknowledged the most learned, the most wise, and at the same time the most useful to mankind at large, impresses me with a deep sense of the magnitude of my task, though it deters me not from the undertaking.

Notwithstanding the confidence expressed in my advertisement, I feel that I cannot reasonably expect to excite your attention and interest without respectfully placing before you some of my pretensions for having embarked in so bold a procedure; but, aware of the immense value of your time, it behoves me to be brief.

I must premise, that I commenced active prac-

tice as veterinary surgeon in the British cavalry when a youth of nineteen, and continued attached to the same regiment until after the close of the Peninsular war. My military appointment afforded me many years of valuable experience, and being upon the home service, I also enjoyed very extensive private practice. From thence to the present hour my time has been wholly devoted to the practical part of the veterinary profession, fostered by an ardent love for it, and blessed with undisturbed rude health throughout that lengthened period. I have never been an absentee from the pursuit for one whole week; and all my intervals of leisure have been devoted to theory and experiment. My opportunities for experiments have been so numerous and varied, that I blush with shame at not having produced earlier and better fruits. I have, however, availed myself of some; and if fortunate enough, through your candour, to bring a tithe part of them to a successful issue, my ambition will be gratified, and I shall not regret the labour I have bestowed; and more, that, whether successful or not in this

Essay, I shall persist in experimental inquiries, and ere long again appeal to you for a second hearing.

The few brief remarks which I have to make upon the veterinary profession generally I hope you will tolerate, otherwise I fear of convincing you that, as a body of men engaged in a pursuit although inferior yet not dissimilar to your own, we possess many facilities to aid us in prying into some of the hidden secrets of Nature which are denied to your own class.

It is well known that veterinary science has flourished in this country, under the new and improved system as emanated from the Royal Veterinary College, for nearly the last half century. Talented members of the profession have favoured the public with elaborate works upon the anatomy, physiology, and pathology of the horse, which will ever reflect credit upon their authors and the age in which they were written.

The veterinary art has recently been condescendingly styled by the giants of human surgery the "sister science;" and our venerable and talented Professor Coleman inculcates the necessity