

**PICTORIAL HISTORY OF
ANCIENT PHARMACY:
WITH SKETCHES OF EARLY
MEDICAL PRACTICE**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649003624

Pictorial history of ancient pharmacy: with sketches of early medical practice by Hermann Peters

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

HERMANN PETERS

**PICTORIAL HISTORY OF
ANCIENT PHARMACY:
WITH SKETCHES OF EARLY
MEDICAL PRACTICE**

PICTORIAL HISTORY
OF
ANCIENT PHARMACY;

WITH
Sketches of Early Medical Practice.

By HERMANN PETERS.

TRANSLATED FROM THE GERMAN, AND REVISED, WITH NUMEROUS
ADDITIONS,

By DR. WILLIAM NETTER.

CHICAGO:
G. P. ENGELHARD & COMPANY.
1889.

SEEN BY
PRESERVATION
SERVICES

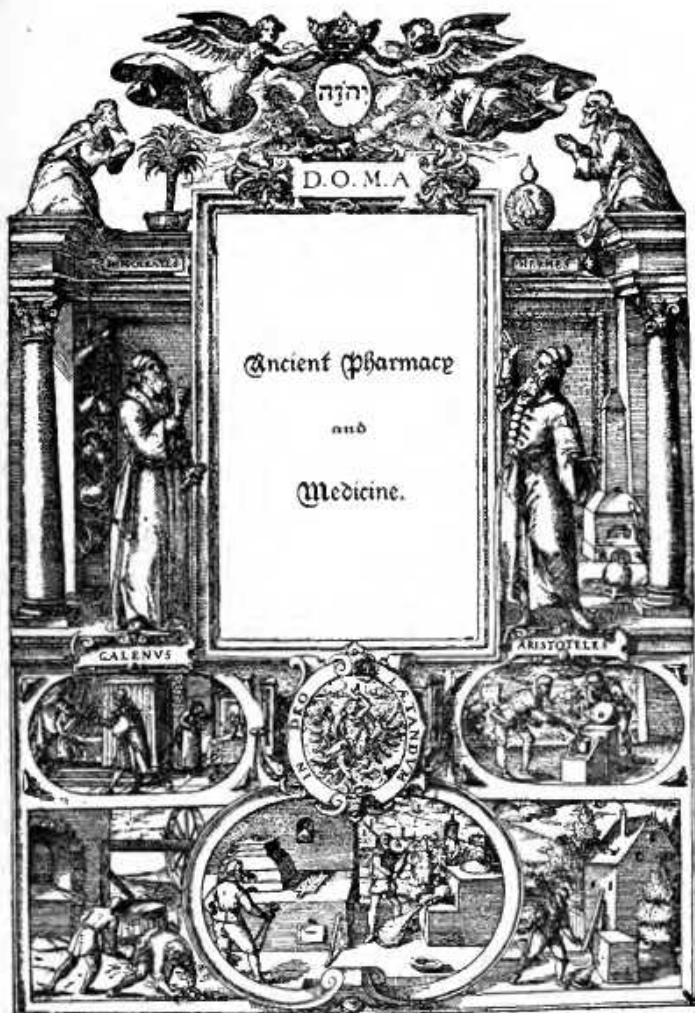
COPYRIGHT, 1888, BY G. P. ENGLHARD & Co.



BROWN, PETTIBONE & Co., PRINTERS,
CHICAGO.

ELECTRONIC VERSION
AVAILABLE

NO. 1000



Preface.

THE original work of Mr. Hermann Peters was a pioneer pathbreaker in even the prolific German historical field. It was an outgrowth of Mr. Peters' studies in the Germanic Museum at Nuremberg, and was pervaded by zeal for the reputation of the old city. This gave the style of the work a quaint fascination, which greatly increased its value in Germany, where intense interest is felt concerning Nuremberg, where so much of Germany's art, science, mechanical art and literature were fostered. The prominence of this quaint Nurembergian patriotism in the work, while not without its charm, was a serious limitation and defect in a work intended for an English-speaking public.

The revision has therefore introduced many features of especial interest to English-speaking pharmacists and physicians, while retaining for the most part the style, arrangement and illustrations of the original.

The development of Pharmacy as a specialty of Medicine has been more carefully discussed in the light of researches not pursued by Mr. Peters. The original chapter on "Pharmacy in the Middle Ages" has been rewritten from the standpoint of the researches of Gordon, Baas, Hallam and Meryon. The chapter on "Ancient Pharmacopœias" and that on the "Development and Decline of Alchemy" have been considerably amplified, the former being supplemented by the results of the researches of Dr. Charles Rice, of New York, and other authorities.

The additions on the subject of American pharmacy are by Dr. James G. Kiernan, to whom the editor is indebted for much assistance in all original portions of the work.

W. N.

Illustrations.

	PAGE.
FRONTISPIECE, FROM COPPER-PLATE BY G. KELLER, 1605.....	1
MEDICINE IN SYMBOLISM. COPPER-PRINT, SIXTEENTH CENTURY.....	3
ISIS.....	6
ÆSCULAPIUS AND HYGIEIA.....	8
ÆSCULAPIUS.....	9
COSMAS AND DAMIANUS.....	12
DRUG STORE. FROM (H)ORTUS SANITATIS. HANNSEN SCHOENSPERGER, AUGSBURG, 1486.....	13
HIPPOCRATES.....	18
ÆSCLEPIADES.....	19
GALEN.....	20
MEMORIAL OF APOTHECARIES' GUILD AT ULM, 1380.....	26
DRUG-STORE. WOODCUT FROM THE "ARS MEMORATIVA," OF ANTON SORG, 1470.....	27
DRUG STORE. WOODCUT FROM "THE ART OF DISTILLING," 1505, BY J. GRUNINGER.....	28
AN ASSORTMENT OF DRUG-CONTAINERS. FROM (H)ORTUS SANITATIS.....	29, 30
A DEALER IN RED EARTH. WOODCUT (ORTUS SANITATIS).....	31
LABORATORY. FROM THE "ART OF DISTILLING".....	32
FRONTISPIECE. P. A. MATTHIOLI, 1586.....	33
DRUG-STORE OF 1536.....	35
DRUG-STORE OF 1548.....	36
DRUG-STORE OF 1568.....	37
APOTHECARY CVRIACUS SCHNAUS, 1565.....	42
FRONTISPIECE, 1652.....	45
PORTRAIT OF THEOPHR. PARACELSUS.....	48
PARACELSUS.....	50
LABORATORY, 1663.....	51
DRUG-STORE, 1663.....	53
DRUGGIST BASILIUS BESLER.....	54
JOURNEYMAN'S CERTIFICATE, 1743.....	56
WILLIAM HARVEY.....	61
FRONTISPIECE.....	63
DRUGGIST JOH. CHI. SOMMERHOFF.....	66
THE "COURT PHARMACY" AT RASTATT IN 1700.....	68
"STAR PHARMACY" AT NURENBERG IN 1710.....	69
DRUG STORE AT KLATTAU IN 1733. FROM A PHOTOGRAPH.....	70
LABORATORY OF THE COURT PHARMACY AT KOENIGSBERG IN 1778.....	72

	PAGE.
ILLUSTRATION FROM KEITH'S "VIRGINIA," 1738.....	76
DISTILLING IN SIXTEENTH CENTURY	77
DISTILLING APPARATUS AND UTENSILS IN EARLY SIXTEENTH CENTURY.	81
CIRCULATORIES.....	82
RETORTS AND ALEMBICS.....	83
ANCIENT DISTILLATION	84
ALEMBICS	86
RETORTS.....	87
DISTILLING APPARATUS	88
IMPROVED DISTILLING APPARATUS	89
DISTILLING APPARATUS, 1560	90
DISTILLING APPARATUS, 1567.....	91
FRENCH APPARATUS, 1560	92
DRY DISTILLING.....	93
ALCHEMIST'S FIREPLACE	95
FIRE-KETTLE AND DISTILLERY HEARTH.....	98
COPPEL HEARTH.....	99
DISTILLING SCENE.....	100
DISTILLING STOVES	101
ALTHANOR DISTILLING STOVE.....	102
WIND DISTILLING STOVE.....	103
DISTILLING APPARATUS.....	104
MIDDLE AGE STOVE	105
REVERBERATORY FURNACE	106
FRONTISPIECE. FROM THE DISPENSATORY OF VAL. CORDUS, 1666....	109
PUBLIC DISPLAY OF THERIAC.....	117
DEMONS OF DISEASE	125
LOVE-CHARMS	137
MALE AND FEMALE MANDRAKE.....	141
MANDRAKE	142
DIGGING MANDRAKE.....	143
FRONTISPIECE	157
"THE WIND CARRIED HIM IN ITS BOWELS".....	168
"THE EARTH NOURISHED HIM.".....	169
ALCHEMICAL MUSIC	170
UNION OF "MERCURY" AND "SULPHUR.".....	171
UNION OF THE FATHER AND MOTHER OF THE HERMAPHRODITE STONE.	173
ALCHEMICAL COIN.....	178

Contents.

CHAPTER I.

TUTELAR GODS AND PATRON SAINTS OF PHARMACY.

	PAGE.
Common Origin of Pharmacy and Medicine—Fetichism and Disease— Assyrian Pharmacy.....	5
Greek Myth of Prometheus—Pandora's Box—Isis.....	6
Æsculapius—Podalirius—Machaon—Hygeia.....	7
Æsculapius and Hygeia.....	8
Prometheus, Æsculapius and the Priesthood—Hospital Temples in Greece	9
Serpent Symbolism in Pharmacy—Cosmas and Damian.....	10
Miracles of Surgery—Sign of the Moor.....	11
Pharmacy, Medicine and Surgery in Symbolism.....	12

CHAPTER II.

PHARMACY IN THE MIDDLE AGES.

Egyptian Pharmacy in the Reign of Sent (3500 B. C.)—Pharmacy Among the Assyrians—Pharmacy Among the Hebrews and Chinese—Ching Nong.....	15
Chinese Pharmacy.....	16
Sanscrit Pharmacy—State Poisons—Philters—Theocritus—Pharmacy in the Temples of Æsculapius—Hippocrates.....	17
Græco-Egyptian Pharmacy—Erasistratos—Serapion—Mantias, Herak- leides and Dioscorides.....	18
Mithridates—Roman Pharmacy—Æsclepiades.....	19
Themiston—Meneceates—Dioscorides—Galen.....	20
Galen—Ruffus—Circulation of the Blood—Nemesius—"Hiera picra"— Triallianus—Chinese Rhubarb—Homœopathy.....	21
Arabian Pharmacy—Alkekendi—Avicenna—Averroes—School of Salerno —Pharmacy in the Eleventh Century—Arcturius—Arabian Phar- macy Laws—Pharmacy Laws of Frederic II (A. D. 1233).....	22
"Confectionarii" and "Stationarii"—Pharmacy in the Middle Ages— Spanish Pharmacy—German Pharmacy in the Thirteenth Century....	23
German Pharmacy Laws—Grocers, Spicers and Pharmacists—English Pharmacy in the Fourteenth Century—Chaucer on Pharmacy.....	24
Belgian Pharmacy in the Thirteenth Century—The First English Drug- store—The First French Drug-store—A Fourteenth Century German Apothecaress.....	25