

# DYNAMIS

Acta Hispanica ad Medicinae Scientiarumque Historiam Illustrandam

VOLUMEN 30

2010

## SUMARIO

---

### **Recintos sanitarios y espacios de control. Un estudio morfológico de la arquitectura cuarentenaria**

Quim Bonastra ..... 17

1.—Introducción. 2.—Las necesidades morfológicas del espacio cuarentenario. 3.—El aislamiento del exterior. 4.—La segregación y la purificación de las mercancías. 5.—La compartimentación interior del lazareto. 6.—La vigilancia en el lazareto.

### **A gripe espanhola na Bahia de Todos os Santos: entre os ritos da ciência e os da fé**

Christiane Maria Cruz de Souza ..... 41

1.—Introdução. 2.—A epidemia aporta em Salvador: as medidas adotadas pelas autoridades sanitárias. 3.—A gripe espalha-se pela cidade: as ações defensivas e práticas de cura das pessoas comuns. 4.—Conclusão.

### **Bocio, mal de Chagas e identidad nacional. Enfermedades y polémicas en Argentina y Brasil (1910-1940)**

Simone Petraglia Kropf y Maria Silvia Di Liscia ..... 65

1.—Introducción. 2.—Un descubrimiento para el interior de Brasil. 3.—El interior argentino y su representación médica. 4.—Conclusiones.

### **Spain and the international scientific conferences on polio, 1940s-1960s**

María Isabel Porras Gallo, María José Báguena and Rosa Ballester ..... 91

1.—Introduction. 2.—The difficult international relations of Franco's regime and the polio outbreaks. 3.—The WHO Poliomyelitis Programme. 3.1.—The contents of the Reports. 4.—International Poliomyelitis Conferences. 4.1.—From epidemiology to vaccination against poliomyelitis. 4.2.—The Spanish presence and its repercussions in the daily and specialized press. 5.—Symposia of the European Association against Poliomyelitis. 5.1.—Spanish participation. 6.—Concluding remarks.

### **Milk, social acceptance of a new food in Europe: Catalonia, 19th-20th centuries**

Roser Nicolau-Nos, Josep Pujol-Andreu and Ismael Hernández . . . . . 119

1.—Introduction. 2.—The consumption of fresh milk between 1870 and 1936. 3.—The traditional uses of fresh milk. 4.—Milk for everybody. 5.—Milk and environment. 6.—Conclusions.

### **Popularising right food and feeding practices in Spain, 1900-1950. The handbooks of domestic economy**

Enrique Perdiguero-Gil and Ramón Castejón-Bolea . . . . . 141

1.—Introduction. 2.—The problem of the sources. 3.—The chronology of the domestic economy handbooks. 3.1.—Handbooks published over the second half of the 19th century. 3.2.—Handbooks published from the beginning of the 20th century until the Civil War (1936-1939). 3.3.—Handbooks published after the Civil War until the 1950s. 4.—Concluding remarks.

### **Prehistoria de la matemática y mente moderna: pensamiento matemático y recursividad en el Paleolítico franco-cantábrico**

Francisco A. González Redondo, Manuel Martín-Loeches y Enrique Silván Pobes . . . . . 167

1.—El soporte material del pensamiento simbólico. 2.—Registro simbólico e historia de la matemática. 2.1.—La visión estándar en historia de la matemática. 2.2.—Hacia el registro del tiempo: la *cota Marshack*. 2.3.—Contabilidad en el Paleolítico africano: la *conjetura Zaslavsky*. 2.4.—Matemática implícita en el mobiliario europeo. 3.—El registro del pensamiento matemático en el mobiliario de la región franco-cantábrica. 4.—Altamira: culminación en el registro mobiliario del pensamiento matemático

### **La división del aire en los *Quesiti et inventione diverse* (1546) de Niccolò Tartaglia**

Virginia Iommi Echeverría . . . . . 197

1.—Introducción. 2.—La idea de «rompimiento del aire». 3.—La fractura del aire en Vannoccio Biringuccio. 4.—Jordanus Nemorarius y la descripción de la resistencia. 5.—Filopón y la materialidad del medio. 6.—El destino de una idea.

### **Resistencias, novedades y negociaciones: la terminología química durante la primera mitad del siglo XIX**

José Ramón Bertomeu Sánchez y Rosa Muñoz Bello . . . . . 213

1.—Introducción. 2.—La llegada de la nueva terminología. 3.—Controversias. 4.—La renovación constante de la terminología. 5.—Persistencias y resistencias. 6.—Conclusiones.

### **Laboratory medicine and the identity change of veterinary medicine in Spain at the turn of the 20th century**

José Manuel Gutiérrez García . . . . . 239

1.—Veterinary medicine: a discipline forced to reinvent itself. 2.—The role of veterinary medicine in public health in Spain: a conflict of professional interests. 3.—The laboratory and the reinvention of veterinary medicine in the cognitive order. 4.—The laboratory and the reinvention of veterinary medicine in the social order. 5.—Conclusions.

### **Pensionados para una ciencia en crisis: la JAE como mecenas de la anatomía macroscópica (1912-1931)**

Raúl Velasco Morgado . . . . . 261

1.—Introducción. 2.—La anatomía de la «Generación de Sabios» y la crisis de la anatomía macroscópica. 3.—La JAE y el estudio de las ciencias morfológicas: El nicho de la anatomía descriptiva macroscópica. 4.—El período prebélico: Las primeras becas. 5.—Los pensionados en la Europa de la Gran Guerra. 5.1.—El *tour* de Joaquín Trías Pujol por los institutos anatómicos suizos durante 1917. 5.2.—Gumersindo Sánchez Guisande y la «anatomía dinámica». 6.—La descriptiva del tercer sistema: Los pensionados españoles en el laboratorio de Rouvière en el período de entreguerras. 7.—Conclusiones.

## DOCUMENTOS

### **El «Capítulo sobre la conservación de la salud» del *Kitāb al-taysīr fi l-mudāwāt wa-l-tadbīr* de Avenzoar (c. 1095-1162)**

Carmen Peña Muñoz y Fernando Girón Irueste . . . . . 281

1.—Introducción. 2.—Bases de la conservación de la salud en el mundo medieval. 3.—El *Kitāb al-taysīr fi l-mudāwāt wa-l-tadbīr*. 4.—El «Capítulo sobre la conservación de la salud». 4.1.—Fuentes. 4.2.—Contenido. 5.—Traducción castellana.

## IN MEMORIAM

**Juan Antonio Paniagua (1920-2010), *in memoriam*****Mi colega y amigo Juan Antonio Paniagua, historiador de la medicina**

Luis García Ballester..... 309

**Don Juan Antonio**

Michael R. McVaugh..... 315

**En recuerdo de don Juan Antonio, maestro, colega y amigo**

Jon Arrizabalaga..... 317

## RESEÑAS

**Helen King; Véronique Dasen. La médecine dans l'Antiquité Grecque et Romaine**

Rosa María Moreno Rodríguez..... 321

**Sabrina Grimaudo. Difendere la salute. Igiene e disciplina del soggetto nel *De sanitate tuenda* di Galeno**

Rosa María Moreno Rodríguez..... 323

**Peregrine Horden. Hospitals and healing from Antiquity to the later Middle Ages**

Jon Arrizabalaga..... 327

**Juan Vallés. Regalo de la vida humana. Transcripción del manuscrito y coordinación de estudios: Fernando Serrano Larráyo**

José Pardo Tomás..... 329

**José Valenzuela Candelario; Rosa M<sup>a</sup> Moreno Rodríguez; Fernando Girón Irueste. El Hospital Real de Granada y sus Constituciones de gobierno (1593-1857). Asistencia a los pobres y regulación social**

Asunción Fernández Doctor..... 332

<b>Francisco Vázquez García. La invención del racismo. Nacimiento de la biopolítica en España, 1600-1940</b>	
Esteban Rodríguez-Ocaña .....	335
<b>Frida Gorbach; Carlos López Beltrán, eds. Saberes locales: ensayos sobre historia de la ciencia en América Latina</b>	
Marco Luna Maldonado.....	338
<b>Francisco A. González Redondo. Protagonistas de la Aeronáutica: Leonardo Torres Quevedo</b>	
Luis Arranz Márquez .....	340
<b>José Luiz de Andrade Franco; José Augusto Drummond. Proteção à natureza e identidade nacional no Brasil, anos 1920-1940</b>	
Ana María Martínez Santamaría .....	343
<b>Oliva López Sánchez. De la costilla de Adán al útero de Eva: el cuerpo femenino en el imaginario médico y social del siglo XIX</b>	
Rosa M <sup>a</sup> Medina Doménech .....	346
<b>Lisa Appignanesi. Mad, bad and sad: A history of women and the mind doctors from 1800 to the present</b>	
M <sup>a</sup> José Barral Morán .....	348
<b>Rafael Huertas García-Alejo. Los laboratorios de la norma. Medicina y regulación social en el Estado liberal</b>	
Juan Manuel Zaragoza Bernal .....	351
<b>Maria Martha de Luna Freire. Mulheres, mães e médicos: discurso maternalista no Brasil</b>	
Esteban Rodríguez-Ocaña .....	354
<b>Catherine Rollet. Les carnets de santé des enfants</b>	
Rosa Ballester Añón.....	356

<b>Astri Andersen; Josep L. Barona; Steven Cherry, eds. Making a new countryside. Health policies and practices in European History ca. 1860-1950</b>	
Francisco Javier Martínez Antonio .....	359
<b>Josep Lluís Barona; Josep Bernabeu-Mestre. La salud y el Estado. El movimiento sanitario internacional y la administración española (1851-1945)</b>	
M <sup>a</sup> Isabel Porras .....	363
<b>Richard Cleminson; Francisco Vázquez García. Hermaphroditism, medical science and sexual identity in Spain, 1850-1960</b>	
Rosa M <sup>a</sup> Medina Doménech .....	364
<b>Mabel Grimberg, ed. Experiencias y narrativas de padecimientos cotidianos. Miradas antropológicas sobre la salud, la enfermedad y el dolor crónico</b>	
Serena Brigidi .....	369
<b>Peter Conrad. The medicalization of society. On the transformation of human conditions into treatable disorders</b>	
Soledad Márquez Calderón .....	373
LIBROS RECIBIDOS EN LA REDACCIÓN DE DYNAMIS .....	379
NORMAS PARA LA ADMISIÓN DE ORIGINALES .....	381

# DYNAMIS

Acta Hispanica ad Medicinae Scientiarumque Historiam Illustrandam

VOLUME 30

2010

## CONTENTS

---

### **Health sites and controlled spaces. A morphological study of quarantine architecture**

Quim Bonastra ..... 17

1.—Introduction. 2.—The morphological needs of quarantine areas. 3.—Isolation from the exterior. 4.—Segregation and purification of goods. 5.—Compartmentalisation of the lazaret interior. 6.—Lazaret security.

ABSTRACT: Taking as a chronological field the period between the black plague pandemic and the beginning of the bacteriological era in Europe, the Mediterranean and North America and other areas, this article addresses the morphology of lazarets as a whole, taking account of the different traditions and knowledge that influenced their configuration.

### **A gripe espanhola na Bahia de Todos os Santos: entre os ritos da ciência e os da fé**

Christiane Maria Cruz de Souza ..... 41

1.—Introduction. 2.—The epidemic arrives in Salvador: the measures taken by the health authorities. 3.—The flu spreads through the city: the defensive actions and healing practices of ordinary people. 4.—Conclusion.

ABSTRACT: This article aims to analyze responses of the population to the influenza epidemic that struck Salvador, capital of Bahia state, Brazil, in early September 1918. From this perspective, we discuss the measures taken by health authorities, the defensive actions of ordinary people, and the adoption of religion-based practices to confront a disease hitherto considered benign and seasonal, which appeared with a surprising virulence at an unusual time of year.

We used newspapers published in Salvador during the influenza epidemic as a privileged source for this research.

### **Goiter, Chagas disease and national identity. Diseases and controversies in Argentina and Brazil (1910-1940)**

Simone Petraglia Kropf and Maria Silvia Di Liscia . . . . . 91

1.—Introduction. 2.—A discovery within Brazil. 3.—The Argentinean national situation and its medical representation. 4.—Conclusions.

ABSTRACT: This article analyses the construction of national pathologies in Brazil and Argentina between the first and the fourth decades of the 20th century. The scientific, social and political debate concerning Chagas disease and goiter are considered, as well as the relationships between this debate and the collective production of Brazilian and Argentinean nationalities. In this sense, the «discovery» of diseases of the Brazilian hinterland led to implementation of a health project with nationwide projection, whereas in Argentina this situation was met with a more moderate approach. This was because the main concern was related to diseases considered a product of «civilisation» and attributed to the immigration of foreigners.

### **Spain and the international scientific conferences on polio, 1940s-1960s**

María Isabel Porras Gallo, María José Báguena and Rosa Ballester . . . . . 117

1.—Introduction. 2.—The difficult international relations for the Franco regime and the polio outbreaks. 3.—The WHO Poliomyelitis Programme. 3.1.—The contents of the Reports. 4.—International Poliomyelitis Conferences. 4.1.—From epidemiology to vaccination against poliomyelitis. 4.2.—The Spanish presence and its repercussions in the daily and specialized press. 5.—Symposia of the European Association against Poliomyelitis. 5.1.—Spanish participation. 6.—Concluding remarks.

ABSTRACT: The development of international health from a historical point of view has undergone major advances in recent times and constitutes a substantial part of the current agenda for historians of medicine. Within this framework, and focussing on a specific case study (international responses to poliomyelitis outbreaks in the 20th century), we explore the main actions and achievements of agencies such as the WHO and other private and international scientific organizations. Furthermore, this paper seeks to identify the Spanish presence and absence in these activities, their causes and consequences.

### **Milk, social acceptance of a new food in Europe: Catalonia, 19th-20th centuries**

Roser Nicolau-Nos, Josep Pujol-Andreu and Ismael Hernández . . . . . 145

1.—Introduction. 2.—The consumption of fresh milk between 1870 and 1936. 3.—The traditional uses of fresh milk. 4.—Milk for everybody. 5.—Milk and the environment. 6.—Conclusions.



**ABSTRACT:** In this article we analyse the time course of the consumption of fresh milk in different regions of Europe between the 1870s and 1930s. Working from the case of Catalonia, we affirm that the increasing consumption of milk in that period must be especially linked to the spreading of new scientific knowledge in microbiology and nutrition that followed Pasteur’s discoveries. We particularly highlight the information dissemination activities in this direction carried out by health sector professionals (medical doctors and pharmacists), governing local institutions and the milk industry. The initiatives developed by these groups changed people’s preferences —fresh milk became accepted as a necessary food-stuff, and demand for it increased. However, the evolution of consumption was not the same in all regions of Europe due to their different environmental and agronomic conditions.

**Popularising correct food and feeding practices in Spain, 1900-1950. The handbooks of domestic economy**

Enrique Perdiguero-Gil and Ramón Castejón-Bolea ..... 167

1.—Introduction. 2.—The problem of the sources. 3.—The chronology of the domestic economy handbooks. 3.1.—Handbooks published over the second half of the 19th century. 3.2.—Handbooks published from the beginning of the 20th century until the Civil War (1936-1939). 3.3.—Handbooks published after the Civil War until the 1950s. 4.—Concluding remarks.

**ABSTRACT:** The aim of this paper is to analyze a sample of Domestic Economy handbooks in order to assess the popularization of correct food and feeding practices in Spain between 1847 and 1950. With this contribution, we wish to evaluate another factor that would influence the Spanish food transition. We are aware that this is a very indirect source, given the high levels of illiteracy among women in Spain during the last third of the 19th century and the beginning of the 20th century. A further factor to be considered is the low proportion of girls attending school. We have analyzed the handbooks published in three periods. The first ranges from the last third of the 19th century to the first decade of the 20th. These handbooks are considered in order to provide background for a comparison with the works published from 1900 onwards. The second period focuses on the 1920s and the 1930s. The last period covers the handbooks published after the Civil War under the monopoly of the *Sección Femenina* (women's section of the Falange). Over the years under consideration, recommendations underwent a progressive modification from the very simple leaflets used in the nineteenth century to the introduction of scientific factors into the teaching of Domestic Economy. The work of Rosa Sensat represented the beginnings of this trend. A further modernizing factor was the appearance of vitamins in some of the handbooks. After the war, the quality of the handbooks decreased and was, in general, very poor. If we consider the content on vitamins, there was a lack or shortage of information in comparison with some of the books published in the same period outside the monopoly of the *Sección femenina*. In conclusion, we can state that the repetition of recommendations on good feeding habits and the increase in girls attending school would exert a positive influence on the food transition of the Spanish population.

## The prehistory of mathematics and the modern mind: mathematical thought and resourcefulness in the Palaeolithic Franco-Cantabrian region

Francisco A. González Redondo, Manuel Martín-Loeches and Enrique Silván

Pobes..... 193

1.—Material support in symbolic thought. 2.—Symbolic recording and the history of mathematics. 2.1.—The standard view in mathematical history. 2.2.—Towards a recording of time: the *Marshack level*. 2.3.—Counting in Palaeolithic Africa: the *Zaslavsky conjecture*. 2.4.—Mathematics implicit in European dwellings 3.—The recording of mathematical thought in Franco-Cantabrian dwellings. 4.—Altamira: culmination of the recording of mathematics in dwellings.

ABSTRACT: In the present article, we begin by reviewing the different types of symbolic records produced by prehistoric groups from the oldest probable origins of the modern human mind. Next, we review some of the most outstanding prehistoric pieces related to counting, enhancing the relevance (both quantitatively and qualitatively) of this type of piece in the Franco-Cantabrian region. These reviews lead us finally to note the tremendous relevance, within this context, of four horse-bone plaques from the Altamira Cave, dated in the Solutrean period (18,500 years). These small plaques, apparently constituting a coherent group of interrelated elements, are proposed here as the representation of a recursive process, recursion being a feature proposed as proper and exclusive of human language.

## Division of the air in Niccolò Tartaglia's *Quesiti et inventione diverse* (1546)

Virginia Iommi Echeverría..... 223

1.—Introduction. 2.—The idea of «breaking the air». 3.—Fracturing the air in Vannoccio Biringuccio. 4.—Jordanus Nemorarius and the description of resistance. 5.—Philoponus and the materiality of the medium. 6.—The fate of an idea.

ABSTRACT: In *Quesiti et inventione diverse* (1546), Niccolò Tartaglia presented a theory of projectile motion centred on the resistance opposed by air and its subsequent division. I propose that this explanation is based on three different sources: the concept of air fracture formulated by his contemporary Vannoccio Biringuccio to explain the noise produced after a shot; the mediaeval treatise *De ratione ponderis*, in which Jordanus Nemorarius (13th century) develops the idea of a medium's resistance, and the inferences for the materiality of air and its perturbation put forward by John Philoponus (6th century).

## Resistance, novelties and negotiations: chemical terminology in the first half of the 19th century

José Ramón Bertomeu Sánchez and Rosa Muñoz Bello..... 239

- 1.—Introduction. 2.—Arrival of the new terminology. 3.—Controversies.
- 4.—Continual updating of the terminology. 5.—Persistences and resistances.
- 6.—Conclusions.

TRACT: This article addresses the chemical terminology in Spain during the first half of the 19th century. Our main aim is to demonstrate that the history of terminology improves our understanding of the processes of negotiation, appropriation and resistance of local communities, and sheds new light on the relationship between scientific centres and peripheries. The main sources are Spanish chemistry textbooks published between 1788 and 1845. The discussion is organised around four themes: appropriation, controversies, novel- ties and resistance.

**Laboratory medicine and the identity change of veterinary medicine in Spain at the turn of the 20th century**

José Manuel Gutiérrez García ..... 265

- 1.—Veterinary medicine: A discipline forced to reinvent itself. 2.—The role of veterinary medicine in public health in Spain: A conflict of professional interests.
- 3.—The laboratory and the reinvention of veterinary medicine in the cognitive order. 4.—The laboratory and the reinvention of veterinary medicine in the social order. 5.—Conclusions.

ABSTRACT: This paper analyses the impact of laboratory medicine on veteri- nary medicine in Spain at the turn of the twentieth century. It is considered from a perspective that places the laboratory at the centre of a strategy for introducing the ideal of progress into veterinary medicine at a sensitive moment in its history. In the adverse context created by the steady replacement of horses —the principal recipients of veterinary care— by motor vehicles, an awareness grew that the time had come to reinvent the profession. The arrival of experimental veterinary medicine, especially the area linked to bacterio- logical laboratories, opened the door to explore new prospects for the future and became one of the bases for the discipline’s modernisation. A new profes- sional was envisaged to attain this objective, the «scientific laboratory vet- erinarian», whose knowledge would be based on experimentation and who would master highly specialised technical skills. This vision of a profession in search of prestige would bring to light conflicting interests among the differ- ent healthcare professions and would emphasise the importance of adopting patterns of behaviour that led to identification of these new veterinary sur- geons with the elite of society.

**Scholarships for a science in crisis: the JAE as sponsor for macroscopic anatomy (1912-1931)**

Raúl Velasco Morgado ..... 287

- 1.—Introduction. 2.—The anatomy of the «Wise Generation», and the crisis in macroscopic anatomy. 3.—The JAE and the study of morphological sciences:

the niche for descriptive macroscopic anatomy. 4.—The pre-war period: the first scholarships. 5.—Grant-holders in WWI Europe. 5.1.—Joaquín Trías Pujol's *tour* through Swiss anatomical institutes in 1917. 5.2.—Gumersindo Sánchez Guisande and «dynamic anatomy». 6.—A description of the third system: Spanish grant-holders at the Rouvière lab between the wars. 7.—Conclusions.

**ABSTRACT:** Beside the creation of national research institutions, the patronage work of the JAE (through scholarships and recognition given to Spanish scientists in the first third of the 20th century) was important in opening the door to the silver age of Spanish science. In the morphologic sciences, macroscopic anatomy was an almost closed science and in crisis with regard to the microscopic sciences and embryology. Despite this setting, the JAE chose to promote this science, importing European anatomical pedagogy and including the technologies and philosophy of the new dynamic anatomy under way on the continent. In this paper, we analyze the grantholders listed in the JAE archives and the studies that they published by them. We conclude that the utilization of these grants played an important role in promoting the international exchange necessary for the reform of a science in crisis, with anatomical pedagogy and technology being the major protagonists of this renewal.

## DOCUMENTS

### **The «Chapter on health preservation» in the *Kitāb al-taysīr fī l-mudāwāt wa-l-tadbīr* by Avenzoar (1095-1162)**

Carmen Peña Muñoz and Fernando Girón Irueste..... 307

1.—Introduction. 2.—The foundations for preserving health in the Mediaeval world. 3.—The *Kitāb al-taysīr fī l-mudāwāt wa-l-tadbīr*. 4.—The «Chapter on health preservation». 4.1.—Sources. 4.2.—Contents. 5.—Spanish translation.

**ABSTRACT:** The *Kitāb al-taysīr fī l-mudāwāt wa-l-tadbīr* (*The Method of Preparing Medicines and Diet*) was written in Arabic by Avenzoar (1095-1162). It has yet to be translated into any Western modern language, and we wish to take on this task. We begin by offering an annotated Spanish translation (with commentary) of its preliminary «Chapter on the preservation of health». The Almohad caliph 'Abd al-Mu'min, for whom Avenzoar served as court physician, requested the book for his personal use. The work begins with this chapter, which contains measures for preventing and curing certain diseases. This section is followed by the main body of the book. It consists of a complete list of diseases working from head to toe and including their description, symptoms and treatment. The translated chapter is an atypical and concise treatise on the subject. It is presented in a quasi-aphoristic style that appears to have been used by Avenzoar to rapidly deal with the prevention area, in order to concentrate his efforts on what is surely one of the finest and most extensive mediaeval nosographies. We make this claim because our author does not ex-

clusively use for this purpose the so-called «non-naturals» —the usual focus of health preservation measures of the time. Rather, he makes wide use of simple medicines with preventative ends —an unusual practice. Moreover, he indiscriminately intersperses prevention elements with others that are intended to cure. In order to better understand the meaning of this text, we previously refer to the foundations of health preservation practices in the mediaeval world, to the reasons why Avenzoar wrote the *Kitāb al-taysīr fī l-mudāwāt wa-l-tadbīr*, and to the characteristics of its translated chapter. We also examine the medical sources and contents of this chapter.

IN MEMORIAM

**Juan Antonio Paniagua (1920-2010), in memoriam**

**My colleague and friend Juan Antonio Paniagua, historian of medicine**

Luis García Ballester ..... 335

**Don Juan Antonio**

Michael R. McVaugh ..... 341

**In memory of don Juan Antonio, teacher, colleague and friend**

Jon Arrizabalaga ..... 343

REVIEWS

**Helen King; Véronique Dassen. La médecine dans l'Antiquité Grecque et Romaine**

Rosa María Moreno Rodríguez ..... 347

**Sabrina Grimaudo. Difendere la salute. Igiene e disciplina del soggetto nel *De sanitata tuenda* di Galeno**

Rosa María Moreno Rodríguez ..... 349

**Peregrine Horden. Hospitals and healing from Antiquity to the later Middle Ages**

Jon Arrizabalaga ..... 353

**Juan Vallés. Regalo de la vida humana. Transcripción del manuscrito y coordinación de estudios: Fernando Serrano Larráyo**

José Pardo Tomás ..... 355

<b>José Valenzuela Candelario; Rosa M<sup>a</sup> Moreno Rodríguez; Fernando Girón Irueste. El Hospital Real de Granada y sus Constituciones de gobierno (1593-1857). Asistencia a los pobres y regulación social</b>	
Asunción Fernández Doctor .....	358
<b>Francisco Vázquez García. La invención del racismo. Nacimiento de la biopolítica en España, 1600-1940</b>	
Esteban Rodríguez-Ocaña .....	00
<b>Frida Gorbach; Carlos López Beltrán, eds. Saberes locales: ensayos sobre historia de la ciencia en América Latina</b>	
Marco Luna Maldonado.....	364
<b>Francisco A. González Redondo. Protagonistas de la Aeronáutica: Leonardo Torres Quevedo</b>	
Luis Arranz Márquez .....	366
<b>José Luiz de Andrade Franco; José Augusto Drummond. Proteção à natureza e identidade nacional no Brasil, anos 1920-1940</b>	
Ana María Martínez Santamaría .....	369
<b>Oliva López Sánchez. De la costilla de Adán al útero de Eva: el cuerpo femenino en el imaginario médico y social del siglo XIX</b>	
Rosa M <sup>a</sup> Medina Doménech .....	372
<b>Lisa Appignanesi. Mad, bad and sad: A history of women and the mind doctors from 1800 to the present</b>	
M <sup>a</sup> José Barral Morán .....	374
<b>Rafael Huertas García-Alejo. Los laboratorios de la norma. Medicina y regulación social en el Estado liberal</b>	
Juan Manuel Zaragoza Bernal.....	377
<b>Maria Martha de Luna Freire. Mulheres, mães e médicos: discurso maternalista no Brasil</b>	
Esteban Rodríguez-Ocaña .....	380

<b>Catherine Rollet. Les carnets de santé des enfants</b>	
Rosa Ballester Añón. ....	382
<b>Astri Andersen; Josep L. Barona; Steven Cherry, eds. Making a new countryside. Health policies and practices in European History ca. 1860-1950</b>	
Francisco Javier Martínez Antonio. ....	385
<b>Josep Lluís Barona; Josep Bernabeu-Mestre. La salud y el Estado. El movimiento sanitario internacional y la administración española (1851-1945)</b>	
M <sup>a</sup> Isabel Porras . ....	389
<b>Richard Cleminson; Francisco Vázquez García. Hermaphroditism, medical science and sexual identity in Spain, 1850-1960</b>	
Rosa M <sup>a</sup> Medina Doménech . ....	390
<b>Mabel Grimberg, ed. Experiencias y narrativas de padecimientos cotidianos. Miradas antropológicas sobre la salud, la enfermedad y el dolor crónico</b>	
Serena Brigidi. ....	395
<b>Peter Conrad. The medicalization of society. On the transformation of human conditions into treatable disorders</b>	
Soledad Márquez Calderón . ....	399
<b>BOOKS RECEIVED . ....</b>	379
<b>GUIDELINES FOR SUBMISSION OF ORIGINAL PAPERS. ....</b>	383

