



COMMUNICATIONS

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Un apothicaire. Peinture à l'huile. Wellcome Collection.
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An apothecary. Oil painting. Wellcome Collection. Public Domain Mark



Message du président

Chers collègues membres de l'Académie internationale d'histoire de la pharmacie

Tout d'abord, j'espère que tous nos membres et leurs familles se portent bien au sein de cette crise sanitaire qui n'en finit pas, et qu'ils ont pu être vaccinés. Nous avons malheureusement appris le décès de notre collègue américain Glenn Sonnedecker le 26 juin dernier. Vous trouverez une brève biographie ci-dessous pour ce passionné d'histoire de la pharmacie ! et qui ne manquait que rarement nos congrès internationaux. Je vous encourage à nouveau à proposer de nouveaux membres qui ont la qualité pour rejoindre notre Académie, dans le respect des règles de quota prévues par pays. C'est en effet la dernière opportunité qui se présente avant le congrès de Milan. Comme vous le savez, toute candidature doit être publiée dans le journal Communications pour d'éventuelles remarques ou oppositions de nos membres.

L'année 2022 sera donc marquée par le congrès de Milan en septembre prochain et j'espère que nous serons nombreux à y participer et à y publier pour montrer le dynamisme des membres de notre Académie internationale. Comme vous le savez, le thème du congrès, « Santé et Bien-être » est un vaste sujet qui va du médicament au thermalisme en passant par la cosmétique et les produits de beauté. Il y a donc de très nombreux sujets qui peuvent y être abordés.

L'année 2022 est aussi une année de commémoration dont deux particulièrement importantes à mes yeux : Nous fêtons tout d'abord le bicentenaire de la naissance de Louis Pasteur (1822-1895) dont l'action a

marqué de nombreux pays et des domaines très divers : chimiste de formation, Pasteur a commencé ses travaux dans le domaine de la cristallographie. Il s'attaqua à la question posée par le physicien allemand Eilhard Mitscherlich : « pourquoi deux substances chimiques apparemment identiques ont-elles un effet différent sur la lumière polarisée ? ». Pasteur mit en évidence la dissymétrie moléculaire qui sera à l'origine de la stéréochimie. C'est à cette occasion qu'il s'intéresse à la fermentation et devient biologiste. Il combattit la théorie de la génération spontanée alors très en vogue. Il étudia les maladies du vin, celle du ver à soie et met finalement la biologie au service de la médecine et de la chirurgie. On connaît ses travaux sur la vaccination qui vont le conduire à créer l'Institut qui porte son nom, qui aura de nombreuses filiales dans le monde et qui reste une organisation de référence en biologie.

Cette année 2022 est aussi l'occasion de rappeler la découverte de l'insuline en 1921 par le canadien Frederick Grant Banting, Charles Best et leur équipe de l'Université de Toronto. La première injection chez l'homme aura lieu le 11 janvier 1922 chez Léonard Thompson, un garçon de 14 ans en coma diabétique. En 1923, le prix Nobel de Médecine est décerné à Banting et Macleod. Banting le partage avec Best, Macleod avec Collip. La même année, on commence la production industrielle d'insuline.

Ce ne sont sans doute pas les seules commémorations scientifiques qui auront lieu en 2022 (c'est également les 125 ans de la première synthèse industrielle de l'aspirine¹) mais ces deux-là sont en tout cas incontournables.

Bruno Bonnemain, Président

Vous pouvez toujours regarder notre nouveau site Internet pour davantage d'information (<http://www.shp-asso.org/aihp/>).

¹ La première synthèse de l'aspirine est due à Charles Gerhardt en 1853 mais Bayer en fit une production industrielle.



Message from the president

Dear colleagues, members of the International Academy of the History of Pharmacy

First of all, I hope that all our members and their families are doing well in this never-ending health crisis, and that they have been vaccinated. Sadly, we learned of the death of our American colleague and former honorary president, Glenn Sonnedecker on 26 June, 2021. You will find a short biography below concerning this passionate historian of pharmacy, who rarely missed our international congresses.

I again encourage you to propose new members who are qualified to be admitted to our Academy, in accordance with the quota rules for each country. This is the last opportunity to do so before the Milan Congress, when new members will be formally admitted. As you know, details concerning all candidates must be published in our journal *Communications* for comments or objections from our members before admittance.

The highlight of 2022 will therefore be the Milan Congress in September, and I hope that many of us will participate and publish our work there to show the dynamism of the members of our International Academy. The theme of the Congress is "Health and Well-being", a vast subject which extends from medicine to thermalism, and from cosmetics to beauty products. So there are many subjects that can be discussed under the Congress theme.

The year 2022 is also one of commemorations, two of which are particularly important in my eyes. Firstly, we are celebrating the

bicentenary of the birth of Louis Pasteur (1822-1895), whose work has had an impact in many countries and in very diverse fields. A chemist by training, Pasteur began his work in the field of crystallography. He tackled the question posed by the German physicist Eilhard Mitscherlich: "Why do two apparently identical chemical substances have a different effect on polarised light?" Pasteur demonstrated the molecular asymmetry that would become the basis of stereochemistry. It was on this occasion that he became interested in fermentation and became a biologist. He fought against the theory of spontaneous generation, which was in vogue at the time. He studied the diseases of wine and silkworms, and finally put biology to the service of medicine and surgery. We all know his work on vaccination, which led him to create the Institute that bears his name. This now has many branches throughout the world, and remains a vital reference organization in biology.

The year 2022 is also an opportunity to recall the discovery of insulin in 1921 by the Canadian Frederick Grant Banting, Charles Best, and their team at the University of Toronto. The first human injection took place on 11 January 1922. It was given to Leonard Thompson, a 14-year-old boy in a diabetic coma. In 1923, the Nobel Prize in Medicine was awarded to Banting and Macleod. Banting shared it with Best, and Macleod with Collip. In the same year, the industrial production of insulin was started.

These are not the only scientific commemorations that will take place in 2022 (it is 125 years since the first industrial synthesis of aspirin¹), but these two are surely amongst the most significant.

Bruno Bonnemain, President

You can always check out our new website for more information (<http://www.shp-asso.org/aihp/>).

¹ Actually, the first synthesis of aspirin was done par Charles Gerhardt in 1853 but Bayer made it industrially.

Obituaries Nécrologies

Harkishan Singh (1928-2020)



Professor Harkishan Singh, a well-recognized pharmaceutical academic, medicinal chemistry researcher and pharmacy historian, died on March 20, 2020 at the age of 92. He worked at the Banaras Hindu University, University of Saugar, Panjab University (Chandigarh), India, moreover, the University of Maryland, University of Mississippi, and University College of London. He lectured on his research in organic chemistry, medicinal chemistry, and natural products at several of the institutions and conferences in India, United States of America, Canada, United Kingdom, and China.

Nearly 50 master and doctoral theses were completed under his supervision. There were published 125 original scientific research papers. 14 patents were obtained. His research group was successful in designing a clinically useful skeletal muscle relaxant, candocuronium iodide, a synthetic azasteroid. As a science historian Professor Singh examined the history of pharmaceutical developments in India, especially pharmacopoeias and formularies, pharmaceutical education, pharmacy practice, biographies of pharmaceutical luminaries, and pharmaceutical journalism. He published over fifty articles. In addition to his scientific and history research papers, he wrote extensively on educational, scientific, historical and professional issues.

Professor Singh was on many academic, scientific, professional and governmental bodies. He was a member of the Committee on Education in Medicinal Chemistry of the International Union of Pure and Applied Chemistry (IUPAC). His affiliations with several scientific and professional organizations included emeritus membership of the American Chemical Society, life memberships of the Indian Pharmaceutical Association and Association of Pharmaceutical Teachers of India, and memberships of the American Institute of History of Pharmacy and British Society for History of Pharmacy.

He was the recipient of several scientific and professional awards and recognitions, including Eminent Pharmacist Award of the Indian Pharmaceutical Association and Padma Shri in Medicine in 2017 by Government of India. Dr Singh's standing as historian was recognized through his election to the Académie Internationale d'Histoire de la Pharmacie in 1995. The University of the Sciences in Philadelphia conferred upon Professor Harkishan Singh the degree of Doctor Honoris Causa.

Source: www.profharkishansingh.com

Glenn Sonnedecker (1917-2021)



Professor Glenn Sonnedecker, a leading historian of pharmacy and a former Director of the American Institute of the History of Pharmacy, died on June 25, 2021 at the age of 103.

During the second half of the twentieth century, few historians of pharmacy and pharmaceuticals contributed more to the field. John Parascandola, PhD, who succeeded Glenn as AIHP's Director in 1973, described him as "a giant in the field." He was a true scholar, a man with a deep and probing intellect, and a mentor to a generation of historians. One such mentee, Gregory J. Higby, PhD, AIHP's former Executive Director, described Glenn as "my role

model as a pharmacist-historian. He exemplified thorough historical method combined with pharmaceutical knowledge and professionalism."

He was also a kind, unassuming, and very human man, especially to his friends and colleagues at AIHP. Elaine Stroud, PhD, AIHP's former Assistant Director, who worked closely with Glenn for more than 30 years, recalls "his wit and dry sense of humor, and his laugh. They will be greatly missed." Greg Higby recalls that "it was a privilege to work with him and experience his wisdom and good humor."

Glenn grew up in a small town in Ohio. After graduating from The Ohio State University in 1942 with a Bachelor of Science degree in pharmacy, Glenn settled in Washington, DC, where he soon became the editor of the Practical Pharmacy Edition of the „Journal of the American Pharmaceutical Association”.

Glenn left that position in 1948 to become the first graduate student in the new history of pharmacy program established at the University of Wisconsin-Madison School of Pharmacy by the legendary historian George Urdang. Glenn enrolled as an AIHP member later that year, beginning an association that would continue for more than 70 years. Urdang, AIHP's founding director, named Glenn the organization's Secretary in 1949.

With Urdang as his major professor, Glenn earned his PhD in in the history of pharmacy and the history of science in 1952. That same year, when University rules compelled Urdang's retirement from the faculty, the UW School of Pharmacy hired Glenn as an Assistant Professor to assume Urdang's academic position. Glenn was promoted to Associate Professor in 1956 (with a joint appointment in the UW's History of Science Department) and to Professor in 1960.

Glenn quickly became known in the international pharmacy history community. He was elected to the International Academy of the History of Pharmacy in 1954. He was a Fulbright Scholar and Guggenheim Fellow in 1955–56, affording him the opportunity to study in England and Germany.

Glenn succeeded Urdang as AIHP's Director in 1957. Two years later, he founded the Institute's academic journal, „Pharmacy in History". In the first issue, Glenn explained that the journal's purpose was to provide “a stimulus to historical writing, reading, or collecting; information on AIHP's activities and services, evaluation of publications having interest to members; and reports and announcements about events and people, in whatever country, that concern the humanistic interests of the pharmacist.”

In many ways, “the humanistic interests of the pharmacist” was at the core of Glenn's scholarship. His research and writing in the field was broad, but often concentrated on favorite topics including pharmaceutical education, the regulation of medicines, and the social and humanistic aspects of the pharmaceutical profession. Glenn was perhaps best known as the revisor of the monumental „Kremers and Urdang's History of Pharmacy". After assisting Urdang with revisions to the second edition in 1951, Glenn substantially revised and updated the text, producing a third edition in 1963 and a fourth edition in 1976. Glenn's revised editions have been read and studied by countless pharmacists and historians around the world. François Ledermann reports that the book “accompanied my first steps” as a young historian of pharmacy.

As a faculty member at the UW School of Pharmacy, Glenn played a key role in developing what became the School's Social and Administrative Sciences Division, including a program in the Social Aspects of Pharmacy. Working with Prof. John Parascandola, he implemented innovative teaching methods in his courses, including audio-tutorial units and multi-media lectures.

Over the course of his career, Glenn advised several doctoral students, most notably Ernst W. Stieb, who served for many years on the faculty of the University of Toronto School of Pharmacy, and Gregory J. Higby, who served as AIHP's Executive Director from 1986 to 2018.

Glenn also introduced a generation of Wisconsin pharmacy students to the history of their profession through a required survey course he developed and taught. One of his students, former AIHP President William Zellmer, reports that Glenn's “scholarly interests, erudition, wisdom, and style were a source

of great inspiration for this Wisconsin farm boy.” Another student, who went on to become a professor of pharmacology and the dean of a pharmacy school, confessed that some students found the course “boring but with occasional sparks of interest,” but noted that “[i]t is only later in life do we appreciate his historical research and academic endeavors.”

Glenn stepped down as AIHP's Director in 1973 and was succeeded by John Parascandola. When John left in 1981 to become Chief of the Historical Division of the National Library of Medicine, Glenn was persuaded to return as Director, and he served in that role until 1985. He was then named AIHP Honorary Director for life.

Throughout his long career, Glenn actively promoted scholarship in the field of pharmacy history around the world. He served on the Executive Committee of the International Society for the History of Pharmacy for more than 20 years and attended at least 12 of the organization's biennial meetings around the world. He served as the Honorary Chair of the 1983 International Congress for the History of Pharmacy, which was hosted by AIHP. Having been inducted into the International Academy of the History of Pharmacy early in his career, he went on to serve as the organization's president from 1983 to 1991.

During his career, Sonnedecker received several prestigious awards including the Schelenz Plaque (1971), the George Urdang Medal (1976), the Edward Kremers Award (1964), and the Remington Honor Medal (1972). He received honorary degrees from The Ohio State University (1964), the Massachusetts College of Pharmacy (1974), and the Philadelphia College of Pharmacy (1989). He was named the Honorary President of the American Pharmacists Association in 1985.

Glenn assumed Professor Emeritus status in 1986, but he remained active long after his formal retirement. He served as a contributing editor for the book „150 Years of Caring: A Pictorial History of the American Pharmaceutical Association” (2002) and as an editor, with David Cowen and Gregory Higby, of the book „Drugstore Memories” (AIHP, 2002). He often attended AIHP board meetings and volunteered his time and expertise when asked by anyone interested in the history of pharmacy. In his final years, he

always welcomed visits from AIHP colleagues, and he was particularly delighted to meet Lucas Richert, AIHP's Historical Director, in 2019.

During his long life, Glenn contributed so much to deepen and broaden our understanding of the history of pharmacy and pharmaceuticals. He also touched the lives of pharmacists, historians, and many others around the world. We are all greatly indebted to him. AIHP President Clarke Ridgway provided a most fitting final tribute for Glenn: "Thank you, Glenn, for showing us all the path to be taken in the pursuit of the history of pharmacy."

Source: <https://aihph.org/remembering-glenn-sonnedecker/>



Une apothicaire : intérieur. Aquarelle de Lucy Pierce. Wellcome Collection.
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An apothecary's shop: interior. Watercolour by Lucy Pierce.

Informations diverses par pays /

Information from the countries:

Allemagne / Germany

Christoph Friedrich was elected Honorary President of the German Society for the History of Pharmacy.

Pologne / Poland

The 29 Symposium of the History of Pharmacy 'The pharmacy laboratory as the cradle of the pharmaceutical industry', planned for May 21-24, 2020, was held on-line on May 7-8, 2021. The event was organised by the Nationwide Division of the History of Pharmacy of the Polish Pharmaceutical Society (chaired by Lidia Czyż) and the Division of the History of Pharmacy of the Warsaw Branch (chaired by Iwona Arabas) of this Society. Twenty six papers were delivered during the Symposium and included in the occasional volume.

Royaume-Uni / United Kingdom

The 2022 Annual Conference of the British Society for the History of Pharmacy will be held in person in Manchester between Friday 25 and Sunday 27 March 2022.

Details are available at
<https://www.bsph.org/events/ShowEvent.asp?E=45>.

Roumanie / Romania

Romanian Society of Pharmacy History (RSPH) / Soci  t   Roumaine de l'Histoire de la Pharmacie (SRHP)



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Scientific Report in October 1, 2021/ Rapport scientifique, le 1er octobre 2021

(Redig   par : Ana Carat  - Pr  sident d'honneur de la SRHP;
acarata@yahoo.com)

2021 is the anniversary year of SRHP.

This year, the Romanian Society for the History of Pharmacy (SRHP) will celebrate 30 years from its establishment. This was the reason for us to develop the V-th History of Pharmacy Colloquium, with international participation (authors from Serbia, Turkey, Republic of Moldova, USA). The colloquium was included in the Program of the National Congress of Pharmacy (CNFR2021) 18th edition, in „Symposium of the History of Pharmacy” chapter, 4th edition. With this occasion, we intend to publish a volume with works in extenso in languages of international circulation, accepted by the International Society for the History of Pharmacy (English, French, German).

Also this year, according to the statutes, the General Electoral Assembly must be organized. According to the Statute, SRHP branches are organizing local General Assemblies, whose documents (minutes, lists of members of the branches, etc.) are sent to the headquarters of the SRHP at least two weeks prior the National Assembly.

From organizational point of view, the annual activity of the Romanian Society for the History of Pharmacy (SRHP) took place in the regional departments (of the branches): Bucharest, Br  ila, Cluj-Napoca, Ia  i (Iassy), Oradea, Sibiu.

This three decades period of continuous activity of the Romanian Society for the History of Pharmacy (SRHP) has been part of our scientific concerns during the last two years 2020-2021. Some titles published in March, September, October 2020 and May 2021 bear witness to these concerns:

- *Profesor Dr. Hab. Vladimir SAFTA – Gorunul. Povestea unui fiu din   ara de Sus a Moldovei*, USMF „N. Testemi  anu”, Fac. Farm. Chisin  u Galenus nr.137/martie 2020, 68-71 (76).
- *Societatea Rom  n   de Istoria Farmaciei (SRIF) - dup   29 ani de activitate intens  *, Galenus nr.137/martie 2020, 72-74 (76).
- *SRIF   n anul 2020. Retrospectiva I – Primele Colocvii Interna  ionale de Istoria Farmaciei*, Galenus nr. 142/sept.2020, 66-69 (76).
- *SRIF   n anul 2020. Retrospectiva II –Colocvii Interna  ionale de Istoria Farmaciei - 2008, 2014*. Galenus, 143, Oct. 2020, 66-70, (76).
- *Trei decenii de activitate continu     n Societatea Rom  n   de Istoria Farmaciei. Bilan  ul ultimilor trei ani (2018-2020)*. Galenus, Publica  ie de informare medico-farmaceutic  , nr. 149, mai 2021, 68-69, (76).

This year, most of the communication actions took place with the six Romanian branches, organizational structures of the Romanian Society for the History of Pharmacy (SRHP). The central management of the Society, through the Office of the General Council, sent information and proposals to the Branches in the first months of the year. The Information was designed and sent to the Presidents of the Branches (Letter no 815)

as follows: - on April 23-24, 2022, there will be a virtual Symposium of the International Society for the History of Pharmacy (SIHP). During this event, the extended meeting of the executive committee of the SIHP and the general assembly of the international society will be held (online). Under normal circumstances, these events take place every two years at international congresses. For accessing the scientific program we attach the corresponding link: <https://histpharm.org/projects-and-prospects-virtual-symposium-and-general-assembly> / The symposium takes place according to the German time zone;

- the International Congress of the History of Pharmacy, which was scheduled in Milan - 2021, has been postponed to September 2022;

- The SRHP website has undergone an upgrade process. It is currently under construction;

- the date of the National Assembly organized by the SRHP was July 17, 2021.

President: Prof. Dr. farm. Adriana-Elena Tăerel.

General Secretary:, Prof. Dr. farm. Ana Carată.

The new Board of Directors elected by the members present is made up of seven persons:

- President-Prof. Dr. Tăerel Adriana-Elena,

- two Vice-presidents,

- General Secretary - Assistant univ. Dr. pharmacist Stănescu Lucian-Mihai,

- a Treasurer,

- two members.

Under the statutory conditions, a substitute member and two censors were elected.

The program for July 17, after a short break, continued with the Anniversary Symposium - Romanian Society for the History of Pharmacy - 30 years since its establishment. The event took place at the Faculty of Pharmacy in Bucharest, Hall -Vasile Lăzărescu, 17.07.2021, 12⁰⁰-14³⁰. 14 works have been included in the program.

Appendix

We are showing the information contained on first page of the SRIF site, working for renewal. (Collaborator -Director, SRHP General Secretary-Assistant University Dr. Mihai-Lucian Stănescu; the images are provided from the own collection of site's collaborator. As a summary, the page contains in several subtitles the following structure, each subtitle having a link / DETAILS: - name of the company (address, contact details) - Events DETAILS - Personalities (the most important Romanian personalities, pharmacohistorical and medicohistorical, as the case), with brief data from their life and activity DETAILS - Pharmacy History Museum DETAILS - Pharmacy History Collections and Personal Archive Funds DETAILS - SRIF Statute, SRIF Regulation, Board of Directors DETAILS.



Intérieur d'une pharmacie, avec quatre personnages. Peinture à l'huile de Jos. van Brée, 1860. Wellcome Collection, CC BY 4.0

Interior of a pharmacy, with four figures. Oil painting by Jos. van Brée, 1860.

Publications historiques, présentations orales, conférences et ouvrages des membres de l'Académie

Historical publications, oral presentations, books and lectures of the members of the Academy

Stuart Anderson. (2021) 'Pharmacy and Professionalization in the British Empire, 1780 to 1970'. London: Palgrave Macmillan. ISBN 978-3-030-78979-4. <https://www.palgrave.com/gp/book/9783030789794> (book).

Stuart Anderson. (2021) 'The Colonial Life of Pharmaceuticals: Medicines and Modernity in Vietnam,' Book by Laurence Monnais, translated by Noémi Tousignant. Cambridge: Cambridge University Press, 2019. Reviewed in *Pharmaceutical Historian*, 51(1); 32 (review).

Stuart Anderson. (2021) 'The pharmacists who went to court for refusing the smallpox vaccine'. *The Chemist and Druggist*, 19 January 2021 (article). Available at <https://www.chemistanddruggist.co.uk/feature/pharmacists-who-went-court-refusing-smallpox-vaccine>.

Stuart Anderson. (2021) 'A History of the Medicines We Take: From Ancient Times to Present Day,' Book by Anthony C. Cartwright and N. Anthony Armstrong. Barnsley: Pen and Sword Books, 2020. Reviewed in *Pharmaceutical Historian*, 51(3); 96 (review).

Stuart Anderson. (2021) Co-organised with **Briony Hudson** the Online Pharmacy History Explorer Course, run jointly by the Faculty of the

History and Philosophy of Medicine and Pharmacy of the Society of Apothecaries and the British Society for the History of Pharmacy.

Stuart Anderson. (2021) Recorded an introductory talk entitled 'What is Pharmacy History?' for the Online Pharmacy History Explorer Course run by the Society of Apothecaries and the British Society for the History of Pharmacy.

Stuart Anderson. (2021) Presented a seminar entitled 'Pharmacy in the British West Indies, 1780-1900; The legacy of slavery', at the Centre for History in Public Health, London School of Hygiene and Tropical Medicine.

Stuart Anderson. (2021) Presented a lecture entitled 'The History of Pharmacy in Britain', to students on the Diploma in the History of Medicine course, Society of Apothecaries, London.

Stuart Anderson. (2021) Gave a seminar entitled 'Pharmacy and Slavery in the Caribbean, 1650-1880', to the History and Archives and Information Studies Centre, University of Dundee.

Stuart Anderson. (2021) Edited volume 51, no.1 (March 2021), no.2 (June) and no.3 (September) of *Pharmaceutical Historian* on behalf of the International Society for the History of Pharmacy.

Arabas Iwona, *O naukach przyrodniczych na dworze księżnej Anny Pauliny z Sapiehów Jabłonowskiej*, [in:] *Dwór kobiety w Rzeczypospolitej XVII i XVIII wieku*. (eds.) Popiołek B., Penkała-Jastrzębska A., Pyzel K., Kraków 2021, pp. 197-220.

Arabas Iwona, Byliniak M., Galon K., *Droga do opieki farmaceutycznej w Polsce – praktyka, definicje i ustawa*. „Farmacja Polska”, 2021 (77), 1, pp. 34-39.

Arabas Iwona, L. Bondar, L. Czechowicz, *Nie tylko kurs historii naturalnej. Księżnej Anny Jabłonowskiej zbiór „wszystkich przedmiotów dociekań człowieka”*. „Kwartalnik Historii Nauki i Techniki”, 2021 (66), pp. 137-160.

Arabas Iwona, Byliniak M., *Od uniwersyteckiego laboratorium w Warszawskim gabinecie Farmaceutycznym do wirtualnej apteki*, [in:] (ed.) Czyż L. M., *Pamiętnik XXIX Sympozjum Historii Farmacji*, Płock 2020, Laboratorium apteczne kolebką przemysłu farmaceutycznego. Rzeszów 2021, pp. 37-43.

Arabas Iwona, Bondar L., *Rośliny egzotyczne w dobrach Anny Jabłonowskiej: uprawa i obecność w siemiatyckim Gabinecie Historii Narodowej*, [in:] (eds.) Arabas I., Książkowski R., *Kolekcje przyrodnicze i gospodarcze innowacje – tradycja i nowoczesność. Pamięci księżnej Anny z Sapiechów Jabłonowskiej (1728-1800)*. Warszawa-Ciechanowiec 2021, pp. 169-183.

Arabas Iwona, *Kolekcje przyrodnicze i gospodarcze innowacje – tradycja i nowoczesność. Pamięci księżnej Anny z Sapiechów Jabłonowskiej (1728-1800)*. „Medycyna Nowożytna”, 2021 (27), 1, pp.151-154.

Bonnemain Bruno. Exhibit january 2021 : Remèdes d'autrefois (Cabanès)(2) : La musique et la danse pour guérir. <http://www.shp-asso.org/remedes-dautrefois-cabanes-2-la-musique-et-la-danse-pour-guerir/>

Bonnemain Bruno. Exhibit february 2021 : Remèdes d'autrefois (Cabanès)(3) : Le culte des pierres, des arbres et des eaux. <http://www.shp-asso.org/remedes-dautrefois-cabanes-3-le-culte-des-pierres-des-arbres-et-des-eaux/>

Bonnemain Bruno. L'histoire de la pharmacie via Internet. Revue d'histoire de la pharmacie, LXIX, n°409, March 2021: 103-108.

Bonnemain Bruno. La thériaque, une histoire. Mouvement historique. Revue d'histoire de la pharmacie, LXIX, n°409, March 2021: 122-124.

Bonnemain Bruno. Pharmaciens célèbres ou inconnus. Revue d'histoire de la pharmacie, LXIX, n°409, March 2021: 125-126.

Bruno Bonnemain : « Le Journal de pharmacie et de chimie de l'année 1921 ». SHP meeting, March 24th, Paris, 2021.

Bonnemain Bruno. Exhibit March 2021 : Jeannel et les « Papillons de Metz » : l'origine de la poste aérienne. <http://www.shp-asso.org/jeannel-et-les-papillons-de-metz-lorigine-de-la-poste-aerienne/>

Bonnemain Bruno. Exhibit April 2021 : Les vieux hôpitaux de France d'après les publicités du XXe siècle (2). <http://www.shp-asso.org/les-vieux-hopitaux-de-france-dapres-les-publicites-pharmaceutiques-du-xx-siecle-2/>

Bonnemain Bruno. Exhibit May 2021 Les journaux pharmaceutiques des origines à 1840. <http://www.shp-asso.org/les-journaux-pharmaceutiques-des-origines-a-1840/>

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Une pharmacie. Peinture à l'huile par un peintre français, vers 1700.
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A pharmacy. Oil painting by a French painter, ca. 1700.