

WORKING GROUP INFORMATIONS

1. Members of the Working Group

Please complete / modify these information if appropriate

Bettina Wahrig	History of Pharmacy and Science, Department for Life Sciences, Pharmacy Centre, Technische Universitaet Braunschweig, Beethovenstr. 55, D-38106 Braunschweig
Alexander von Schwerin	History of Pharmacy and Science, Department for Life Sciences, Pharmacy Centre, Technische Universitaet Braunschweig, Beethovenstr. 55, D-38106 Braunschweig
Heiko Stoff	History of Pharmacy and Science, Department for Life Sciences, Pharmacy Centre, Technische Universitaet Braunschweig, Beethovenstr. 55, D-38106 Braunschweig
Florence Vienne	History of Pharmacy and Science, Department for Life Sciences, Pharmacy Centre, Technische Universitaet Braunschweig, Beethovenstr. 55, D-38106 Braunschweig

2. Please, enter the name of the person you have appointed as local head of the working group:

Bettina Wahrig

3. Working Plan

Please, complete/modify or add if appropriate:

25 to 27 March 2010

Workshop Objects 4: Drugs, living things and the problems of standardization (Organization: Wahrig / Place: Braunschweig, D)

Within the frame of DRUGS – the ESF funded network on “Standard drugs and drug standards” - the announced workshop will focus on substances that have no common classification: biologicals. We define “biologicals” as pharmaceuticals that are of “biological origin”, in the sense that they originate from organisms no matter which place in the taxonomy they take. The emphasis, however is on humans/higher organisms on one hand and medicinal plants on the other hand. Examples are vaccines and sera, hormones, vitamins, enzymes, macromolecules, bodily fluids (blood, sperm,...), and active substances from medicinal plants.

The workshop will focus on 20th century, but will also draw some comparison with 19th century and will not exclude the perspective into 21st century. According to the DRUGS framework the general interest lies with the transformation of pharmacy, with industrialization, mass production and consumption under an international perspective.

One of the leading questions is: How are the borders between “natural”, “artificial”, between medicinal/pharmaceutical and nutritional negotiated, how do they shift?

We welcome abstracts concerning the history of “biologicals” in 20th century, especially

with a focus like:

1. biologicals as threats to standardization or as motors of standardization
2. borders between the natural/the artificial / the medicinal / the nutritional.
3. Dealing with the consumer's perspective
4. Regulating Gender relationships, colonial aspects of the activation and regulation of biologicals.

The full text of the CfP can be found in short time at the ESF-DRUGS homepage.

DEADLINE: 30 October 2009

Co-Financing by Technische Universität Braunschweig
Referents (inter alia):

4. Last publications in the field

Please complete / modify these information if appropriate

(citation in Harvard-Style would be great. Example: V. E. Kinsey et al., 'Cooperative study of retrolental fibroplasia and the use of oxygen', *Archives of Ophthalmology*, 56 (1956), 481–543.)

1. Wahrig, B.; Stoff, Heiko; von Schwerin, Alexander; Balz, Viola (2008): Precarious Matters. An Introduction. In: Precarious Matters / Prekäre Stoffe. The History of Dangerous and Endangered Substances in the 19th and 20th Centuries. HG: Bettina Wahrig, Viola Balz, Alexander von Schwerin und Heiko Stoff. Max-Planck-Institut für Wissenschaftsgeschichte, Preprint 356
2. Wahrig, B. und Gabriele Wacker (2009): Zimt – bescheidener Zeuge für Konversationen zwischen Pharmazie und Kultur. In: Arzneimittelkarrieren. Zur wechsellvollen Geschichte ausgewählter Medikamente. HG: Christoph Friedrich, Wolf-Dieter Müller-Jahncke. Stuttgart: Wiss. Verlagsgesellschaft 2009, 31-55 (in print)
3. Wahrig, B. (2009): The Perspective of Precarious Substances within the Historical Research on the Standardization of Drugs. Proceedings of the Opening Conference of the ESF-Network DRUGS (Drugs Standards and Standard Drugs, Strasbourg 5th - 6th Dec. 2008 (in print)

Heiko Stoff, „Eine Geschichte der Dinge und eine dingliche Geschichte des Menschen. Methodische Probleme“, in: Christina Brandt/Florence Vienne (Hg.), *Practical Turn in der Wissenschaftsgeschichte? Erkundungen in den Wissenschaften vom Menschen im späten 19. und im 20. Jahrhundert*. Zürich, Berlin: Kadmos, 2008, S. 43-65

Heiko Stoff, „Hormongeschichten. Wie sie in den Jahren 1928 bis 1954 von den Wissenschaftsjournalisten Walter Finkler und Gerhard Venzmer erzählt wurden“, in: *Zeitenblicke* 7 (2008) 3 (<http://www.zeitenblicke.de/2008/3/stoff/dippArticle.pdf>)

Heiko Stoff, „Vitaminisierung und Vitaminbestimmung: Ernährungsphysiologische Forschung im Nationalsozialismus“, in: *Dresdener Beiträge zur Geschichte der Technikwissenschaften*

32 (2008), S. 59-93

Heiko Stoff, „'Hexa-Sabbat'. Fremdstoffe und Vitalstoffe, Experten und der kritische Verbraucher in der BRD der 1950er und 1960er Jahre“, in: *NTM. Zeitschrift für Geschichte der Wissenschaft, Technik und Medizin* 17 (2009) 1, S. 55-83

Heiko Stoff, „Der aktuelle Gebrauch der *longue durée* in der Wissenschaftsgeschichte“, in: *Berichte zur Wissenschaftsgeschichte* 32 (2009) 2, S. 144-158

Alexander v. Schwerin: Prekäre Stoffe. Radiumökonomie, Risikoepisteme und die Etablierung der Radioindikatortechnik in der Zeit des Nationalsozialismus, in: *N.T.M. - Zeitschrift für Geschichte der Wissenschaften, Technik und Medizin* 17, 2009: 5-33.

Alexander v. Schwerin: Der gefährdete Organismus. Biologie und Regierung der Gefahren am Übergang vom „Atomzeitalter“ zur Umweltpolitik (1950-1970), in: *Wissensobjekt Mensch. Humanwissenschaftliche Praktiken im 20. Jahrhundert*, hrsg. Florence Vienne, Christina Brandt, Berlin: Kadmos 2009: 187-214.

5. New fundings (third party) in relation to DRUGS

Please complete / modify these information if appropriate

Heiko Stoff: Fremdstoffe. Eine Geschichte der Risikopolitik prekärer Stoffe und der Genese des kritischen Verbrauchers in den fünfziger und sechziger Jahren. (Xenobiotocis. Risk politics and precarious substances and the genesis of the critical consumer in the 1950s and 1960s.) Funded by Deutsche Forschungsgemeinschaft.

Alexander von Schwerin: Mutagene und Mutationen. Biologische und riskante Dinge in der Analytik der Biopolitik (1960-1979) (Mutagens, mutants, and mutations. Biological and risky things in the analytics of biopolitics. Funded by Deutsche Forschungsgemeinschaft.

Florence Vienne: Vom Samentierchen zur Spermientechnologie: Eine Kulturgeschichte des Spermas, 1776-1945. Funded by Deutsche Forschungsgemeinschaft. (From spermatozoas to sperm technology. A cultural history of sperm, 1776-1945). Funded by Deutsche Forschungsgemeinschaft.

6. Special resources and facilities

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