

/// ... **F**rom the mid-19th century onwards the life sciences have been establishing the molecular structures of various groups of substances, ascribing to them the power of regulating or manipulating vital processes within the organism. The status of these substances is precarious with respect to the way in which they are stabilised, activated, and employed.

In spite of their great variety in terms of chemical constitution, function and mode of application, they constitute a common field of physiologically highly active but also autonomous/dangerous substances with shared epistemological, regulatory and political problems and, by consequence, similar practices. ... ///

What are the main characteristics of precarious substances and how do they affect – and are affected by – biopolitical conjunctures, the social conditions of their production, commercialization, regulation and social roles ?

Organisation:

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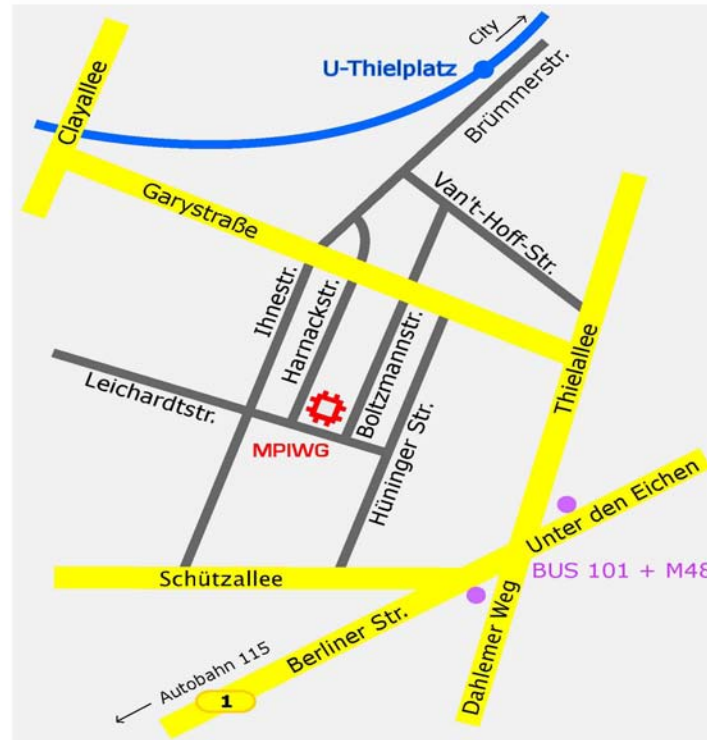
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Anfahrt:



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workshop precarious matters / prekaere stoffe

the history of dangerous and
endangered substances in the
19th and 20th centuries

die geschichte gefaehrderter
und gefaehrdender substanzen
im 19. und 20. jahrhundert

22 / 03 - 24 / 03 / 07
Max Planck Institute for the
History of Science
Boltzmannstr. 22
14195 Berlin



Pharmazie- und Wissenschaftsgeschichte
pharmazie in braunschweig

Donnerstag, 22.03.2007

Leitung/ Chair: Viola Balz

14.30–15.30:

Willkommen und Einleitung (*Viola Balz, Heiko Stoff, Alexander v. Schwerin, Bettina Wahrig*, Braunschweig)

15.30–16.30: *Volker Hess*, Berlin

Precarious matters?
Magnetische Heilkraft im klinischen Versuch

16.30–17.00

Pause

17.00–18.00: *Axel Helmstädter*, Marburg

“Is there a tonic in the toxin?” The Arndt-Schulz law as an explanation for non-linear dose-response relationships

18.00–19.00: *Carsten Reinhardt*, Bielefeld

Boundary Values

19.00–19.30: *Nicholas Eschenbruch*,

Freiburg: Kommentar

Freitag, 23.03.2007

Leitung/ Chair: Heiko Stoff, Alexander v. Schwerin

9.00–10.00: *Beat Bächli*, Zürich

Ascorbic acid's precarious status or how synthetic vitamin C became the body politic's „means of function“ (1933-1953)

10.00–11.00: *Otniel Dror*, Jerusalem

Adrenaline Excitements

11.00–11.30

Pause

11.30–12.30: *Christina Ratmoko*, Zürich

Zur Zirkulation von industriell hergestellten Geschlechtshormonen: Über Stabilisierung und Destabilisierung von Ciba-Hormonpräparaten (1914-1927)

12.30–13.00: *Ulrike Klöppel*, Berlin

Kommentar

13.00–14.30

Pause

[*Marion Hulverscheidt*, Heidelberg

Malariatherapeutika in der *longue durée*]

14.30–15.30: *Maria Rentetzi*, Athens

Radium as a trafficking material: a precarious substance of early 20th century science, medicine and commerce

15.30–16.30: *Soraya Boudia*, Strasbourg

Invisible particles, global effects: The international regulation system of radioactive substances

16.30–17.00

Pause

17.00–18.00: *Norman Pohl*, Freiberg

Prekär, fatal, inert, verführerisch: Zu Nutzen und Hintergrund einer neu gewichteten Definition von Stoffgruppen und ihren Eigenschaften (Cyanides and Vanillin)

18.00–18.30: *Hans-Jörg Rheinberger*

Kommentar

Samstag, 24.03.2007

Leitung/ Chair: Bettina Wahrig

9.00–10.00: *Ulrike Thoms*, Berlin

Antibiotika in Lebensmitteln. Prekäre Stoffe in der Diskussion

10.00–11.00: *Barbara Orland*, Zürich

Nutrients: About the invention of good things that can harm your body

11.00–11.30

Pause

11.30–12.30: *Axel Hüntelmann*, Berlin

Der Friedrich Franz Friedmann'sche Tuberkuloseimpfstoff. Von Schildkröten, Bakterienkulturen und anderen prekären Stoffen

12.30–13.30: *Nicolas Langlitz*, Berkeley

Pharmacovigilance as Post-Black Market Surveillance

13.30–14.00

Pause

14.00–14.30: *Jean-Paul Gaudillière*, Paris

Kommentar

14.30–15.00

Abschließende Diskussion