

INTERNATIONAL WORKSHOP
Organized by Paul-André Rosental, Catherine Cavalin & Michel Vincent

**The Role of Inorganic Particles in
Pulmonary, Systemic and Autoimmune Diseases**

14 - 15 November 2014

Sciences Po
Room: Goguel
56, rue des Saints-Pères
75007 Paris

With the support of the Scientific Direction of Sciences Po
(Scientific Advisory Board)

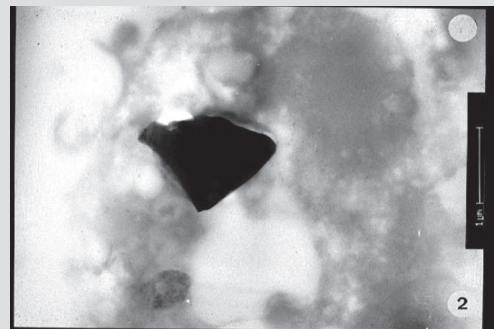
Credit photo: Marianne Kambouchner

Mineral dust observed in lung biopsies with polarized light



US Occupational Safety & Health
Administration's campaign

Credit photo: Minapath Laboratory



Silica particle observed by transmission
electron microscopy

Registration compulsory: sophie.lagnier@sciencespo.fr

Friday 14 November 2014

- 9 am: Coffee welcome
- 9:30 am: Welcome address and opening of the workshop: Paul-André Rosental
Dust invisibility in long-term history
- 9:55 am: **SESSION 1: SARCOIDOSIS**
Chair: Dominique Israel-Biet
- Robert Baughman
The current debate in the US on the possible role of dust in the triggering of sarcoidosis
- Dominique Valeyre
A robotic description of possible causes of sarcoidosis
- Michel Vincent
The MINASARC case-control study
- 10:40 am: Questions & Answers
- 11:15 am: Coffee break
- 11:45 am: **SESSION 2: EPIDEMIOLOGY**
Chair: Catherine Burns
- Vincent Bonneterre
Data of the French National Work-Related Diseases Vigilance and Prevention Network (RNV3P) regarding auto immune diseases and sarcoidosis
- Catherine Cavalin
Looking for Silicosis: A proposal for a data collection tool to finally track down dust-related diseases
- 12:15 pm: Questions & Answers
- 12:45 pm: Lunch
- 2 pm: **SESSION 3: DUST & POLYARTHRITIS**
Chair: Luc Berlivet
- Paul Blanc
The association between pneumoconiosis and autoimmune disease from an historical perspective
- Osnat Shtraichman
On advanced silicosis with various rheumatologic complaints
- Kjell Torén
Occupational exposure to silica dust and rheumatoid arthritis
- 2:45 pm: Questions & Answers
- 3:30 pm: Coffee break
- 3:45 pm: **SESSION 4: AUTOIMMUNITY**
Chair: Michel Vincent
- Christine Parks
Overview of research on silica and autoimmunity
- Yasumitsu Nishimura
Autoimmunity related with silica exposure: silicosis and scleroderma as representative diseases
- 4:15 pm: Questions & Answers
- 5 pm: Cocktails at the Sciences Po Director's reception room. Welcome address by Frédéric Mion
- 6:30 pm: A Visit of the Louvre Museum
- 8:30 pm: Dinner

Saturday 15 November 2014

9:30am: **SESSION 5: THE DUST ISSUE**

Chair: Julia Moses

Anthony Seaton

Mineral pneumoconioses: causes and consequences

Rodney Ehrlich

Silica, silicosis and tuberculosis – an inextricable triad

10 am: Questions & Answers

10:30 am: Coffee break

11 am: **SESSION 6: THE SOUTH AFRICAN DATA BASE**

Chair: Emmanuel Henry

Naseema Vorajee

Silica-related pathology in deceased mine workers over four decades

Jill Murray

Description/history of the PATHAUT database

Gill Nelson

Silicosis trends at autopsy in SA gold miners

Keith Breckenridge by video

The ambiguities of death: autopsies and silicosis diagnosis and compensation amongst black workers on the Witwatersrand mines before 1930

12 pm: Questions & Answers

12:45 pm: Lunch

2 pm: **SESSION 7: ANATOMOPATHOLOGY**

Chair: Françoise Thivolet

Jean-François Bernaudin & Jocelyne Fleury

Interplay between sarcoid granulomas and mineral particles in pulmonary tissues

Cécile Chemarin & Mickaël Catinon

Which role does inorganic dust play in systemic diseases? Principles and relevance of the mineralogical study

Marianne Kambouchner

Incidental histological findings in the setting of mineral dust depositions. Cases selected from the routine practice

2:45 pm: Questions & Answers

3.30 pm: Coffee break

4 pm: **SESSION 8: ATYPICAL EXPOSURES & THE EXPERIENCE OF ORPHAN DISEASES**

Chair: Szczepan Cofta

Nadia Nathan

Inorganic particles and systemic diseases in child medicine

Jean-François Mornex & Françoise Thivolet

From rare lung diseases to exposure

4:30 pm: Questions & Answers

5 pm: Final address: Lizi Fireman

Functional and inflammatory abnormalities in workers exposed to artificial stone. Video: Caesarstone's workers

6.15 pm: End of the workshop

List of speakers:

Baughman Robert (USA)
Bernaudin Jean-François (FR)
Blanc Paul (USA)
Bonneterre Vincent (FR)
Breckenridge Keith (by video) (SA)
Catinon Mickaël (FR)
Cavalin Catherine (FR)
Chemarin Cécile (FR)
Ehrlich Rodney (SA)
Fireman Lizi (IL)
Kambouchner Marianne (FR)
Mornex Jean-François (FR)
Murray Jill (SA)
Nathan Nadia (FR)
Nelson Gill (SA)
Nishimura Yasumitsu (JP)
Parks Christine (USA)
Rosental Paul-André (FR)
Seaton Anthony (GB)
Shtraichman Osnat (IL)
Torén Kjell (SW)
Valeyre Dominique (FR)
Vincent Michel (FR)
Vorajee Naseema (SA)

Session chairs:

Berlivet Luc (FR)
Burns Catherine (SA)
Cofta Szczepan (PL)
Henry Emmanuel (FR)
Israel-Biet Dominique (FR)
Moses Julia (GB)
Thivolet Françoise (FR)
Vincent Michel (FR)