International Conference on
Inherited Disorders of Muco-Ciliary Clearance (Focus on PCD)

Internationale Konferenz: Erbliche Störungen der mukoziliären Reinigung mit dem Fokus PCD

20 - 22 May 2011; Münster, Germany

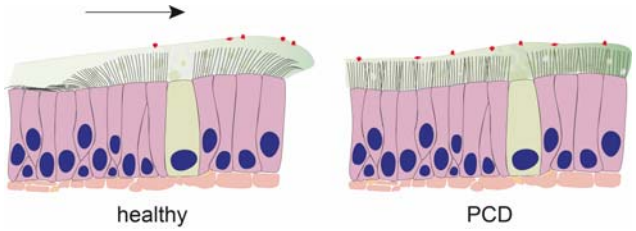
Program

May 21st, 2011 (location: "Aula am Aasee", Scharnhorststraße 100)

7:30		**9:30**	Registrierung / Registration
9:00	-	**9:10**	Einführung / Introduction (H. Omran; Münster, Germany)
9:10	-	**9:25**	Die Sicht der Patienten und Selbsthilfegruppen / The view of patients and support groups (PCD/CF) (A. Kneissl, U. Kellermann-Maiworm; Germany)
9:30	-	**9:45**	Diagnostischer Goldstandard für Mukoviszidose / Diagnostic gold standard in cystic fibrosis (M. Mall; Heidelberg, Germany)
9:50	-	**10:05**	Wann sollte man an PCD denken? / When to think about PCD (T. Nüßlein; Koblenz, Germany)
10:10	-	**10:25**	Evidence-based therapy in cystic fibrosis (M. Knowles; Chapel Hill, USA)
10:30	-	**10:45**	Clinical course and treatment of PCD and differences to CF (M. Leigh; Chapel Hill, USA)
10:50	-	**11:05**	Clinical care program for PCD and CF (Kim Nielsen; Copenhagen, Denmark)
11:10	-	**11:25**	The ERS guide lines for PCD diagnostics and the reality (A. Barbato; Padua, Italy)
11:30	-	**11:45**	The role of nasal NO screening in PCD (I. Amirav; Safed, Israel)
11:50	-	**12:05**	Limitations of electron microscopy in PCD (J.P. Papon; Paris, France)
12:10	-	**12:30**	Vergabe des Manes Kartagener-Preises / Awarding of the Manes-Kartagener-Preis
12:30	-	**13:30**	Mittagspause / Lunch break and discussions
13:30	-	**13:45**	High-speed videomicroscopy in PCD (C. O'Callaghan; Leicester, UK)
13:50	-	**14:05**	Immunofluorescence microscopy in PCD (N.T. Loges; Freiburg/Münster, Germany)
14:10	-	**14:25**	Syndromic PCD variants (M. Witt; Poznań, Poland)
14:30	-	**14:45**	Genetics in PCD (H. Omran; Münster, Germany)
14:50	-	**15:05**	Model organisms for PCD (H. Mitchison; London, UK)
15:05	-	**15:50**	Kaffeepause / Coffee break
15:50	-	**16:05**	Lessons from the US-PCD registry (M. Knowles; Chapel Hill, USA)
16:10	-	**16:25**	First results of the German PCD registry (C. Werner; Münster, Germany)
16:30	-	**16:45**	Impressions from the 1st Internation PCD support group meeting (M. Manion, A. Kneissl)
16:50	-	**17:00**	Closing remarks (H. Omran; Münster, Germany)

May 22nd, 2011 (location: "Aula am Aasee", Scharnhorststraße 100)

8:30	-	**11:30**	Plenary Discussion of future projects in PCD research: PCD registries (What items do we need for a common plat form?) PCD diagnostics (How to improve diagnosis?) Patient care in PCD (What questions shall we address first?)

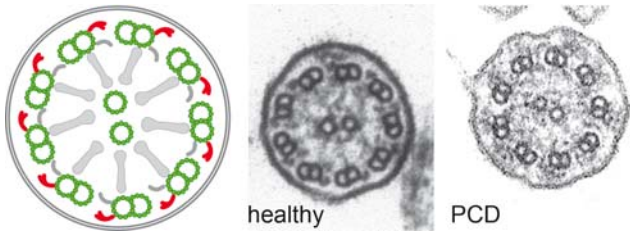


Schematic of mucociliary clearance

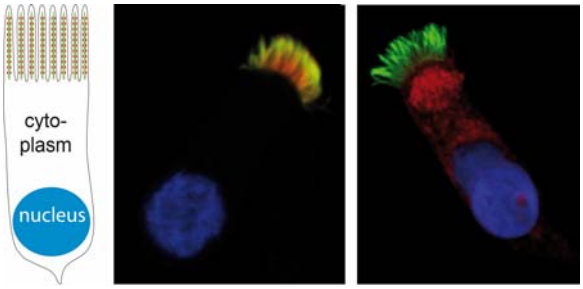
Invitation

Genetic disorders affecting muco-ciliary clearance are rare but burdensome for affected patients and recently received increasing scientific interest. About 20 years ago the underlying defect of cystic fibrosis has been ascertained. Very recently a magnitude of distinct Primary Ciliary Dyskinesia (PCD) variants and their genetic background have been identified. This disorder is also known as immotile cilia syndrome or Kartagener Syndrome. Contrary to cystic fibrosis there are many causative genes, all involved in the structure and assembly of the biggest cell organelle, the cilium. PCD is associated with abnormal ciliary composition and function which results in retention of mucus and contaminations in the respiratory tract, leading to chronic infections of the upper and lower airways. Other manifestations like heterotaxia, congenital heart defects, hydrocephalus internus and retinis pigmentosa can be associated with this disease.

This conference will gather leading scientists and physicians involved in the diagnostics and treatment of patients with PCD, as well as affected persons.



Electron microscopy: Normal ultrastructure and outer dynein arm defect in a PCD patient



Immunofluorescense microscopy: Ciliary localization of DNAH5 in a control (middle) and absence of DNAH5 from the ciliary axonemes in PCD patient with ODA defect (right picture).

Registration: International Conference on Inherited Disorders of Muco-Ciliary Clearance (Focus on PCD)

Titel:

First name:

Last name:

Address:

e-mail:

Please fill out the form and send it to: Labor-Omran@ukmuenster.de

or

print out and fax: +49-(0)251-83-47735

The registration fee includes coffee and lunch:
Early registration until 15th of April: 40 €
Late registration until 30th of April: 50 €
Registration on conference day: 60 €.
The information about the account number will be sent back to you later.

Aasee (photo: public office Münster)