

# METAcancer

Identification and validation of new breast cancer biomarkers based on  
integrated metabolomics

FP7 Collaborative Project no 200327

**Kick-Off Meeting**  
**May 19-20, 2008**

**Maritim proarte Hotel**  
**Friedrichstraße 151**  
**10117Berlin (D)**

## Agenda and Travel Information

### Contact:

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# Kick-off meeting

**Meeting venue: Maritim proarte Hotel  
Friedrichstraße 151  
10117Berlin (D)  
Telefon +49 (0) 30 2033-5**

**May 19, 2008 – 1<sup>st</sup> meeting day**

- 12:00 **Lunch snack at the meeting venue (optional)**
- 13:00 **Welcome address by Charité - survey on activities**
- 13:10 **Introduction of participants around the table**
- 13:20 **Survey on project objectives and structure** (Carsten DENKERT)

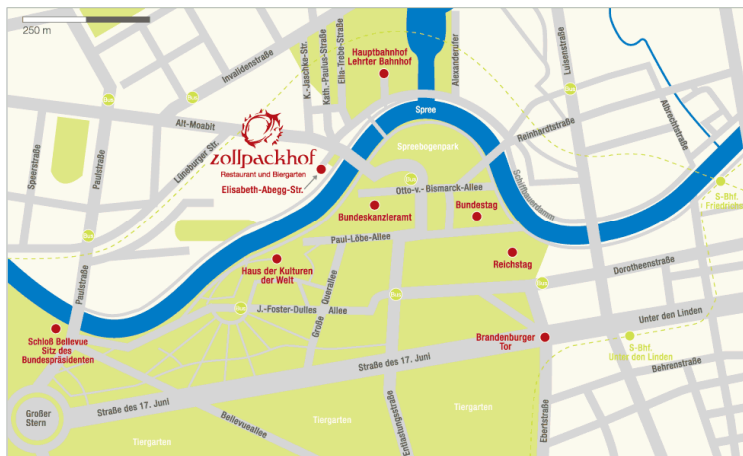
**Partner presentations: General activities of the institution and  
role / tasks in METAcancer**

- 13:50 **University of Cambridge** (Jules GRIFFIN)
- 14:00 **University of California – Davis** (Oliver FIEHN)
- 14:10 **Valtion Teknillinen Tutkimuskeskus** ( Matej ORESIC)
- 14:20 **Valtion Teknillinen Tutkimuskeskus** ( Olli KALLIONIEMI)
- 14:30 **GBG Forschungs GmbH** (Martina KOMOR)
- 14:40 **Dolnoslaskie Centrum Onkologii** (Pawel SUROWIAK)
- 14:50 **HighChem LTD** (Robert MISTRIK)
- 15:00 **tp21 GmbH** (Petra ZALUD)
- 15:10 **Coffee break**
- 15:45 **Project management aspects:**  
Contract – consortium agreement – communication - meetings –  
reporting – definition of scientific steering committee and work package  
leaders - financial aspects etc. (TP21 – Petra ZALUD)
- 17:00 **Wrap-up - Discussion**

18:00 **Transfer to the hotel**

19:30 **Dinner at the Zollpackhof Restaurant**  
 Elisabeth-Abegg-Str. 1, 10557 Berlin  
 Tel: +49 30 330 99 720  
 Fax: +49 30 330 99 715

(located in the Center of Berlin, very close to the Bundeskanzleramt;  
 please arrange your own transfer from your hotel)



## Kontaktinformationen

### Zollpackhof – Restaurant und Biergarten

Elisabeth-Abegg-Str. 1  
 10557 Berlin

Tel. +49-30-330 99 720  
 Fax: +49-30-330 99 715

E-Mail: [mail@zollpackhof.de](mailto:mail@zollpackhof.de)  
 Internet: [www.zollpackhof.de](http://www.zollpackhof.de)

### Anschluß zu ÖPNV und Schiffsverkehr

S-Bahn: ..... „Lehrter Bahnhof / Hauptbahnhof“  
 Bus: ..... „Bundeskanzleramt“ (TXL, 123)  
 ..... „Platz der Republik“ (100)  
 Fähre: ..... „Paul-Löbe-Ufer“, „Moltkebrücke“



**May 20, 2008 – 2<sup>nd</sup> meeting day**

08:30 Coffee

08:55 **Arrangement of transport to airports**

*Scientific sessions chaired by the work package leaders*

09:00 **WP1: METAcancer biobank and histopathological analysis** (C. DENKERT)

T 1.1: Development of SOPs for asservation of samples and histopathological quality control.

T 1.2: Continuous asservation of new breast cancer samples in a multicenter setting.

T 1.3: Development of a central database for annotation of samples in a multicenter setting.

T 1.4: Histopathological evaluation and quality control of frozen tissue samples as well as paraffin tissue.

T 1.6: Construction of tissue microarrays and distribution of slides for immunohistochemical analysis.

T1.7: Continuous update of clinical data for tissue samples and serum samples.

09:30 **WP 2: Metabolite profiling of breast cancer tissues by GC-MS for investigation of predictive signatures and connection to in-situ proteomics** (O. FIEHN)

T 2.1: Metabolite profiling of breast cancer tissue samples by GC-TOF mass spectrometry including processing, derivatization, quality control, database annotation and export of results.

T 2.2: Identification of individual metabolites using the BinBase mass spectral processing database.

T 2.3: Unsupervised statistical analysis and supervised statistic analysis and link to tumor characteristics and outcome data.

10:00 **WP 3: High resolution 1H NMR spectroscopic analysis of breast tumours to investigate metabolomics in intact tumours** ( J. GRIFFIN)

T 3.1: Acquire HRMAS 1H NMR spectra of breast tumours - delivering samples - access to clinical & histology data – analysis.

T 3.2: Further characterise tumours of sufficient size to also allow solution state 1H, 13C and 31P NMR spectroscopy. Data acquisition.

T 3.3: Develop a HRMAS 1H NMR spectroscopy database of the tumours with clinicopathological data.



- 10:30      **Coffee break**
- 11:00      **WP 4: LC/MS analysis and validation of metabolic biomarkers in breast cancer tissue samples** (M. ORESIC)  
 T 4.1: UPLC/MS analysis (ESI+ and ESI-) of selected breast cancer tissue lipid extracts for detection of major lipids (e.g. phospholipids, sphingolipids, acylglycerols, cholesterol esters). UPLC/MS analysis (ESI-) of cardiolipins and glycopHINGOLIPIDS from breast cancer tissue lipid extracts. UPLC/MS analysis (ESI+ and ESI-) of hydrophilic components breast cancer tissue samples.  
 Data acquisition - clinicopathological data.
- 11:15      **WP 5: Transcriptomic data mining and pathway analysis** (O. KALLIONIEMI)  
 T 5.1: Definition of the expression pattern of all key metabolic enzymes relevant for the interpretation of cancer metabolomic data by In silico Transcriptomics database (IST) - analysis of 8000 samples.  
 T 5.2: Explore the coexpression profiles and de-regulation of genes along defined metabolic pathways in breast cancer and other cancers.
- 11:45      **WP 6: Advanced strategies for identification of metabolites using mass spectrometry** (O. FIEHN)  
 T 6.1: Improve metabolite annotation by GCxGC-TOF. Delivering samples, evaluate results, store and disseminate data, statistical analysis. Sample preparation, data acquisition, raw data processing. Comparison to identified compounds by LC-MS, pathway mapping, NMR analysis of isolated fractions.  
 T 6.2: Reduce technical noise by novel injectors: Technical implementation; data acquisition; data processing - delivering samples - statistical analysis - pathway analysis.
- 12:15      **WP 7: Implementation of metabolic profiling into translational research concepts in neoadjuvant clinical studies** (G. v. MINCKWITZ)  
 T 7.1: Collection of serum samples from GeparQuattro patients in a central serum bank and analysis using different metabolomics technologies (NMR - GC-MS - LC-MS).
- 12:30      **WP TD: Training and Dissemination** (P. ZALUD)  
 Survey on activities planned – dates and topics for workshops etc.
- 12:45      **Summary and Conclusion – next steps – discussion** (C. DENKERT)
- 13:15      **Lunch**
- 14:00      **End of the meeting**

**Attachment to AGENDA – Management Session:**

**A steering committee decision is scheduled on the distribution of the pre-payment amongst the partners.**

Total Grant: 2,873,205.00 €

Prefinancing: 1,723,923.00 € (i. e. 60% of the total grant)

5% retention of the total grant for the Guarantee Fund: 143,660.25 €

= >The transfer of 1,580,262.75 € (55% of the total grant) from the EC to the coordinator is expected until May 15<sup>th</sup>, 2008.

**Proposal for the distribution of the Pre-Payment:  
(to be decided by the steering committee)**

<b>Beneficiary</b>	<b>Total share on grant</b>	<b>in %</b>	<b>55% of this share:</b>
Charité	759.680,00 €	26,44%	417.824,00 €
UCAM	367.380,00 €	12,79%	202.059,00 €
UCD	335.600,00 €	11,68%	184.580,00 €
VTT	639.385,00 €	22,25%	351.661,75 €
GBG	324.000,00 €	11,28%	178.200,00 €
TP21	244.360,00 €	8,50%	134.398,00 €
LSOC	130.000,00 €	4,52%	71.500,00 €
HIGHCHEM	72.800,00 €	2,53%	40.040,00 €
<b>Total Grant:</b>	<b>2.873.205,00 €</b>	<b>100,00%</b>	<b>1.580.262,75 €</b>

## Kick-Off Meeting at Charité Berlin (D) Travel and Accommodation Information

The venue of the meeting will be at the  
**Maritim proarte Hotel**  
**Friedrichstraße 151**  
**10117 Berlin**  
**Tel.: 49 (0) 30 2033-5**  
**Fax: +49 (0) 30 2033-4090**  
**info@bpa.maritim.de**

We reserved a contingent of rooms at the following hotels:

- 1. Mercure Hotel Berlin Mitte** **Reservation Code: Charité**  
Luckenwalder Str. 11  
10963 Berlin  
Tel:+4930 516 513 0  
Fax:+4930 516 513 600  
Email: [H4988@accor.com](mailto:H4988@accor.com)  
[www.mercure.com/mercure/fichehotel/de/mer/4988/fiche\\_hotel.shtml](http://www.mercure.com/mercure/fichehotel/de/mer/4988/fiche_hotel.shtml)  
159€, breakfast plus 14€  
Rooms are held until 05/05/2008  
10 min by metro to venue
- 2. Dietrich-Bonhoeffer-Hotel** **Reservation Code: Charité**  
  
Ziegelstr. 30  
10117 Berlin  
Tel.+4930 28467 0  
Fax:+4930 28467 145  
Email: [info@dietrich-bonhoeffer-hotel.de](mailto:info@dietrich-bonhoeffer-hotel.de)  
[www.dietrich-bonhoeffer-hotel.de](http://www.dietrich-bonhoeffer-hotel.de)  
80€ including breakfast  
Rooms are held until 30.4.08  
Walking distance to venue 10 min.

### 3. Best Western Hotel Berlin-Mitte

**Reservation Code: Charité**

**Albrechtstraße 25**

**10117 Berlin**

**Tel.: +4930 526800 0**

**Fax:+4930 526800 99**

**[info@berlin-mitte.bestwestern.de](mailto:info@berlin-mitte.bestwestern.de)**

**[www.berlin-mitte.bestwestern.de](http://www.berlin-mitte.bestwestern.de)**

**112€, breakfast plus 12€**

**Walking distance to venue 10min**

**Rooms are held until 25.04.08**

**Please note: if you want to book one of these rooms, mention please the reservation code/keyword: Charité**

**Please book very quickly as there are various big congress meetings in Berlin during this period and hotel rooms are rare!**

**For any questions concerning the venue or hotel reservation, please contact:**

**[martina.eickmann@charite.de](mailto:martina.eickmann@charite.de)**