

Program schedule DGfZ Part (overview):

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| Tuesday (Sept. 16) | | |
| Opening Session | | |
| 17:00 – 17:15 | Opening (Brockhoff) | |
| 17:15 – 18:00 | Wolfgang Göhde | |
| 18:00 – 18:45 | Yves Traoré | |
| 18:45 – 21:00 | Industry opening (wine and cheese) | |

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| Wednesday (Sept 17) | | |
| Session I (Cytometry in Microbiology and Biotechnology) | | |
| 08:30 – 09:00 | Michael Blaut | S1 |
| 09:00 – 10:15 | 5 presentations (regular participants) | S1 |
| 10:15 – 10:45 | Coffee break | |
| 10:45 – 12:30 | KG-prize awarding; DGfZ members meeting | |
| 12:30 – 13:30 | Lunch | |
| Session II (Tissue Analysis and Imaging) | | |
| 13:30 – 14:00 | Robert Murphy | S2 |
| 14:00 – 15:15 | 5 presentations (regular participants) | S2 |
| 15:15 – 16:15 | Extended break incl. industry visiting | |
| Session III (Cancer Biology of Solid Tumors) | | |
| 16:00 – 16:30 | Gyorgy Vereb | S3 |
| 16:30 – 17:30 | 4 presentations (regular participants) | S3 |
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| Evening | gala dinner | |

Program schedule DGfZ Part (details):

Tuesday late afternoon Opening Session Chairs: Müller S (Leipzig), Brockhoff G (Regensburg)

(17:00 – 17:15 – Welcome note, Brockhoff)

| Session | Nr. | time | first author / speaker | presentation title |
|-----------------|-----|---------------|----------------------------|---|
| Opening session | 1 | 17:15 – 18:00 | Göhde (Münster, DE) | Adapted technologies and new concepts for diagnosis of three major diseases in Africa: Malaria, Tuberculosis and HIV-AIDS |
| Opening session | 2 | 18:00 – 18:45 | Traoré(Bobo-Dioulasso, BF) | Malaria, Tuberculosis and HIV-AIDS: Three killer diseases in Africa; is there any hope for african countries? |

Wednesday morning “Microbiology and Biotechnology” Chairs: Müller S (Leipzig), Stahl F (Hannover)

| Session | Nr. | time | first author / speaker | presentation title |
|---------|-----|---------------|---------------------------------------|---|
| S1 | 3 | 08:30 – 09:00 | Blaut (Nuthetal, DE) | Application of flow cytometry to the analysis of the gut microbial ecosystem |
| S1 | 4 | 09:00 – 09:15 | Günther (Leipzig, DE) et al. | A new fluorescent in vivo detection method for polyphosphate accumulating bacteria |
| S1 | 5 | 09:15 – 09:30 | Peterbauer (Linz, A) et al. | Impact of culture conditions on the surface marker profile and other properties of stem cells from amniotic membrane and adipose tissue |
| S1 | 6 | 09:30 – 09:45 | Moretti (Hannover, DE) et al. | Characterization of mesenchymal stem cells isolated from human umbilical cord |
| S1 | 7 | 09:45 – 10:00 | Herber (Bergisch-Gladbach, DE) et al. | VioBlue a novel violet-excited dye for multicolor flow cytometry |
| S1 | 8 | 10:00 – 10:15 | Beck (Palo Alto, USA) et al. | Label-free flow cytometry on a microfluidic chip based on native fluorescence |

Wednesday afternoon “Tissue Analysis and Imaging”**Chairs: Wessels J (Göttingen), Neumüller J (Wien)**

| Session | Nr. | time | first author / speaker | presentation title |
|---------|-----|---------------|--------------------------------------|--|
| S3 | 20 | 17:30 – 18:00 | Robert F. Murphy (Pittsburgh, USA) | Automated analysis of subcellular patterns in human protein atlas images: Application to identification of potential biomarkers for prostate cancer |
| S2 | 10 | 14:00 – 14:15 | Neumüller (Wien, A) et al. | Endothelial progenitor derived cells express the SR-B1 scavenger receptor and take up high density lipoprotein as ligand (A study using correlative microscopy, DAB photoconversion and electron tomography) |
| S2 | 11 | 14:15 – 14:30 | Pierzchalski A. (Leipzig, DE) et al. | Concentration measurement of fluorescent solutions by Slide Based Cytometry |
| S2 | 12 | 14:30 – 14:45 | Bader B. M. (Rostock, DE) et al. | Signal protein translocation in differentiating human neural progenitor cells: Generation of quantitative data for a systems biology approach from confocal 3D image stacks |
| S2 | 13 | 14:45 – 15:00 | Malkusch W. (Hallbergmoos, DE) | Cell based cytometry using wide field microscopy |
| S2 | 14 | 15:00 – 15:15 | Tarnok A.(Leipzig, DE) et al. | Cellular and humoral immune response to open heart surgery in children is modulated by methylprednisolone |

Wednesday late afternoon**“Cancer Biology of Solid Tumors”****Chairs: Brockhoff G (Regensburg), Diermeier-Daucher S**

| Session | Nr. | Time | first author / speaker | presentation title |
|---------|-----|---------------|---|---|
| S3 | 15 | 16:00 – 16:30 | Vereb (Debrecen, HU), | Role of EGF receptor tyrosine kinases in breast cancer. A biophysical approach |
| S3 | 16 | 16:30 – 16:45 | Diermeier-Daucher (Regensburg, DE) et al. | Initial mechanisms triggering ErbB mediated signaling - implications for efficient targeted therapy |
| S3 | 17 | 16:45 – 17:00 | Sassen (Regensburg, DE) et al. | Three-level based analysis of c-erbB receptor tyrosine kinases in breast cancer |
| S3 | 18 | 17:00 – 17:15 | Pachmann (Jena, DE) et al. | Influence of anti-her2/neu therapy on gene analysis of circulating epithelial tumor cells (CETC) under the influence of anti-her2/neu therapy |
| S3 | 19 | 17:15 – 17:30 | Kopinski (Bydgoszcz, PL) et al. | Inhibition of insulin-like growth factor type I receptor 1 (IGFR1) gene, but not epidermal growth factor receptor (EGFR) neither Her-2/neu orphan receptor genes, induced phenotype changes relevant to increased tumor susceptibility to immune system in A549 human lung cancer cells |

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| | = invited speakers |
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| Evening | Gala dinner DGfZ meeting / ESCCA course |
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Joint Meeting Programme

Thursday, Sept 18

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| 08.00 - 16.30 | Registration |
| 09.00 - 10.30 | Joint Plenary Session I Cell Signaling chair: Gero Brockhoff , Regensburg, DE Yosef Yarden (Rehovot, IL) The EGF receptor family - spearheading a merger of signaling and therapeutics Christoph Klein (Regensburg, DE) Single-cell based genomic characterization of tumor cells Joanne Mountford (Glasgow, UK) Functional characterization of cancer stem cells in CML |
| 10.30 - 11.00 | Break (coffee) – Joint Poster Session / Industrial Exhibition |
| 11.00 - 12.30 | Joint Plenary Session II Rare Event Analysis and Sorting Chair: Wolfgang Beisker (Neuherberg, DE) Patrizia Paterlini-Brechot (Paris, FR) Analysis of rare circulating cells in non-invasive diagnosis Leon Terstappen (Huntingdon Valley, US) FCM of circulating tumor and endothelial cells Fridtjof Lund-Johansen (Oslo, NO) High-throughput analysis of protein phosphorylation and protein interactions |
| 12:30 - 14.00 | Lunch Poster Session – Chair: Endl (Bonn, DE), Sack (Leipzig, DE) |
| 14.00 - 15.30 | Joint Plenary Session III Cell Function and Ageing Chair: Gregor Rothe , Bremen, DE Paolo Bianco (Rome, IT) Microvascular clonogenic postnatal precursors Gabriele Baerlocher (Bern, CH) Analysis of telomere length by FCM and FISH Paul Smith (Cardiff, UK) Loss of genomic integrity and escape from senescence |
| 15.30 - 16.00 | Break (coffee) |
| 16.00 - 17.30 | Joint Session – Scientific Industrial Presentations (Chair: Elmar Endl (Bonn, DE) - Stefano Papa (Urbino, IT)) Presenters: - BD Biosciences - Partec - Beckman Coulter |
| 17.30 – 18.30 | Keynote Lecture Andreas Radbruch (Berlin, DE) Antibodies and B cell memory in immunity and immunopathology |

ESCCA & DGfZ JOINT MEETING, 16 – 20 SEPT 2008, BREMEN, GERMANY

| | Tuesday Sept. 16 th | | Wednesday Sept. 17 th | | Thursday Sept. 18 th | Friday Sept. 19 th | Saturday Sept. 20 th |
|-----------------------|--|--|---|---|---|---|---|
| Morning | ESCCA Course 08:30 – 10:00 | | ESCCA Course 8:30 – 10:00 | DGfZ Program “Microbiology and Biotechnology” 08:30 – 10:15 | Joint Plenary Session (I) 09:00 – 10:30 | ESCCA Program 09:00 – 10:30 | ESCCA Program 09:00 – 10:30 |
| Coffee Break | 10:00 – 10:30 am | | 10 – 10:30 am | 10:15 – 10:45 am | 10:30 – 11 am | 10:30 – 11:00 am | 10:30 – 11:00 am |
| Noon | ESCCA Course 10:30 – 12:00 | | ESCCA Course 10:30 – 12:00 | KG Prize awarding 10:45 – 11:00 | Joint Plenary Session (II) 11:00 – 12:30 | ESCCA Program 11:00 – 12:30 | ESCCA Program 11:00 – 13:00 |
| | | | | DGfZ General Assembly 11:00 – 12:30 | Joint Poster Session / Industrial Exhibition | | |
| Lunch Break | 12:00 – 13:30 | | 12:00 – 12:30 | 12:30 – 13:30 | 12:30 – 14:00 | 12:30 – 14:00 | |
| Afternoon | ESCCA Course 13:30 – 15:30 | DGfZ board meeting 14:00 – 16:00 | ESCCA Course 13:30 – 15:30 | DGfZ Program “Tissue analysis and Imaging” 13:30 – 15:15 | Joint Poster Session / Industrial Exhibition | ESCCA Program 14:00 – 15:30 | |
| | | | | | Joint Plenary Session (III) 14:00 – 15:30 | | |
| Break | 15:30 – 16:00 | | 15:30 – 16:00 | 15:15 – 16:00 | 15:30 – 16:00 | 15:30 – 16:00 | |
| Late Afternoon | ESCCA Course 16:00 – 18:00 | DGfZ Scientific Opening Session 17:00 – 18:45 | ESCCA Course 16:00 – 18:00 | DGfZ Program “Cancer Biology of Solid Tumors” 16:00 – 18:00 | Joint Session Scientific Industrial Presentations 16:00 – 17:30 | ESCCA Program 16:00 – 17:30 | |
| | | | | | Keynote Lecture 17:30 – 18:30 | ESCCA General Assembly 17:45 – 19:00 | |
| Evening | Opening Industrial Exhib. (DGfZ Conference & ESCCA Course) 18:45 – 21:00 Get-Together | | Gala Dinner (DGfZ Conference & ESCCA Course) | | | Gala Dinner (ESCCA Conference) | |