

MEMBERS OF THE NETWORK*



*Memberlist from: 09/2011

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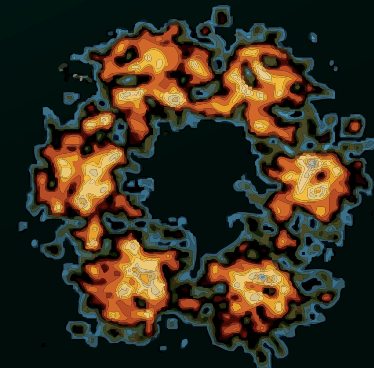
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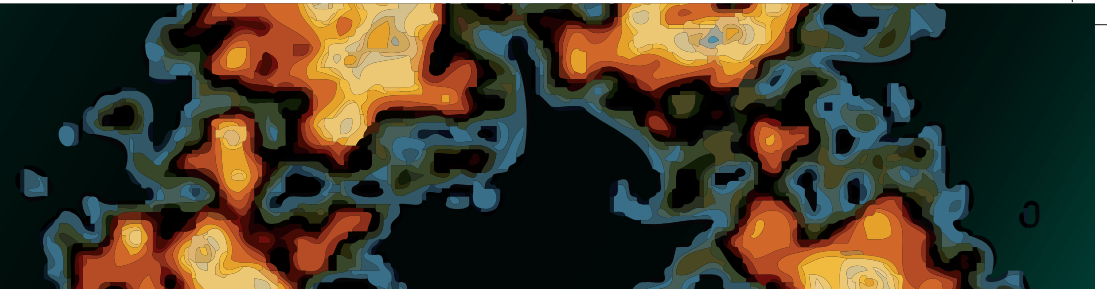
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THE NETWORK

The Imaging Network Berlin (INB) unites molecular imaging activities for science, hospitals and companies which were previously conducted on a regionalised basis. Berlin is well-positioned in Germany to assume the leading role in molecular imaging, an area of increasing importance. With the quality of equipment available, as well as the scientific excellence on hand, the INB represents significant parts of the molecular imaging value-creation chain.

An important goal for the INB is therefore to close potential gaps in the value-creation process and, where necessary, to integrate other partners so that it can optimally position itself within this strong-growth market.

Significant support for molecular imaging has been found in the Berlin Senate, which has identified this area as one to be actively promoted as part of its economic master strategy regarding medical technology and health care.

The INB is conceived as an open network, which welcomes new partners.

THE ACTIVITIES

- Intensifying co-operation between network partners
- Common development of imaging markers
- Strengthening optical imaging and nuclear-medicine procedures
- Ongoing development of imaging procedures
- Establishing a centre for small-animal imaging
- Improving transition from pre-clinical to clinical research

MOLECULAR IMAGING

Physicians, researchers and industry representatives consider molecular imaging as an important future-oriented field within modern medicine, one which has significant direct implications for core medical areas such as oncology, neurology and cardiovascular and gastro-intestinal diseases.

The enormous growth of knowledge in the area of the molecular causation of diseases, the targeted development of contrast agents and the technical refinement of imaging apparatus increasingly enables the imaging and quantifying of molecular changes associated with the development of disease, even before these cause initial anatomical-morphological changes. This technique allows abnormal changes to be identified and treated at a much earlier stage.

Molecular imaging is therefore a key technology for the advancement of purpose-oriented molecular medicine.