



THE INSTITUTE SOME FACTS

IfADo key data (reference year 2008)

personnel: 170 employees (by basic & third-party funds)
total budget: 10.2 mill. € *thereof* institutional aid: 8 mill. €
thereof government aid Federal ministry for labour & social affairs 4 mill. € / subsidy from federal land Ministry for innovation, science, research and technology of North-Rhine Westphalia 4 mill. €; third-party funds: 2.2 mill. €
form of organisation: incorporated society.

Structural embedding

The IfADo is a member of the Leibniz Association. The institute is associated with the Technical University of Dortmund and therefore involved in teaching and training. The IfADo is a WHO Collaborating Centre for Occupational Health. It hosts the office of the German Ergonomics Society (Gesellschaft für Arbeitswissenschaft, GfA) and the office of the Federation of European Ergonomics Societies (FEES), a network of associations from currently 20 countries.

Scientific controlling

The IfADo is evaluated by the senate of the Leibniz Association every seventh year.

LEIBNIZ-INSTITUT FÜR ARBEITSFORSCHUNG AN DER TU DORTMUND

*Leibniz Research Centre for Working
Environment and Human Factors*

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44139 Dortmund

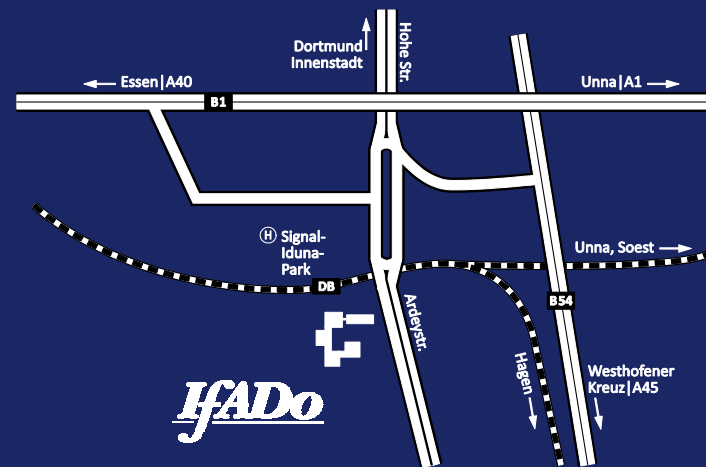
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DIRECTORATE

Director of the institute
Univ.-Prof. Dr. med. Jan G. Hengstler (Toxicology)

Directorate (proxy)
*Univ.-Prof. em. Dr. med. Barbara Griefahn
(Environmental Physiology & Occupational Medicine)*
*Univ.-Prof. Dr. rer. nat. Herbert Heuer
(Occupational Psychology & Experimental Psychology)*
Univ.-Prof. Dr. rer. nat. Edmund Wascher (Ergonomics)
Univ.-Prof. Dr. rer. nat. Carsten Watzl (Immunology)



*Railway station >Signal-Iduna-Park<
in immediate vicinity of the IfADo*

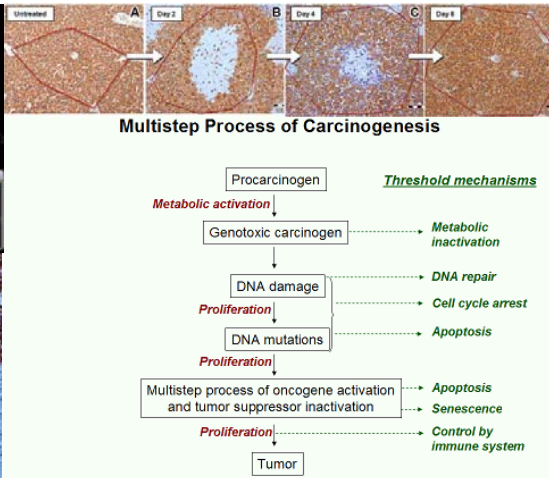
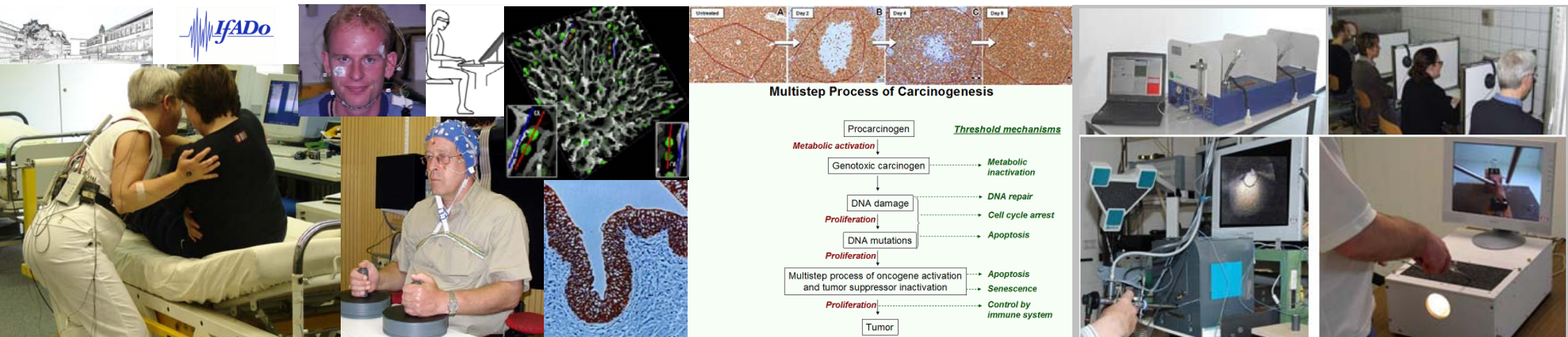


RESEARCH... WITH BENEFIT FOR WORKING HUMAN BEINGS

IFADO – LEIBNIZ-INSTITUT FÜR ARBEITSFORSCHUNG
AN DER TU DORTMUND

IfADo – Leibniz Research Centre for
Working Environment and Human Factors





PROFILE

...shaped by occupational demands

Our mission

The Leibniz Research Centre for Working Environment and Human Factors (IfADo) investigates potentials and risks of modern work on the basis of behavioural and life sciences. The results lead to principles of beneficial and healthy design of the working environment.

Our core topics

- Working humans in technical environments
- Challenge of work and aging
- External and internal factors for wellbeing and performance at work
- Safe handling of chemicals in modern working environments

Our portrait

The IfADo combines life sciences and behavioural sciences to investigate the potentials and risks of modern work for human health and performance. Its aim is to design work, workplaces, and working environments that serve to promote safety, health, and work abilities.

DISCIPLINES

...unique feature of the IfADo

Our workload approach

The IfADo is a cross-disciplinary institute for integrated applied and basic research related to occupational health and human performance. Its research groups combine different academic subjects such as ergonomics, psychology, toxicology, and occupational medicine/biology. This spectrum of scientific competences is an unique feature of the IfADo.

Our research findings & political consulting

Among the problems addressed are the occupational origins and prevention of musculoskeletal diseases, the optimal design of human-machine interfaces, the causes and prevention of burnout, the identification and elimination of chemical risks as well as identification and compensation of age-related variations of working capacities.

The research findings are not only communicated to the scientific community, but in addition they form the basis for contributions to regulatory bodies such as the Scientific Committee on Occupational Exposure Limits (SCOEL) of the EU or standardization bodies such as the European Committee for Standardization (CEN). They are also communicated to practitioners in the field of occupational health and ergonomics as well as the general public.

RESEARCH GROUPS

...defined by processes of workload

- **Vision – Individual Visual Performance** [/vision/](#)
Head: Dr.-Ing. Wolfgang Jaschinski
- **Move – Transformed Movement** [/movement/](#)
Head: Univ.-Prof. Dr. rer. nat. Herbert Heuer
- **Aging – Aging & CNS Alterations** [/neurophys/](#)
Head: Prof. Dr. med. Michael Falkenstein
- **FlexBe – Flexible Behaviour Control** [/behaviour/](#)
Head: Prof. Dr. phil. Klaus-Helmut Schmidt
- **MoSys – Modern Human-Machine Systems** [/mms/](#)
Head: PD Dr. phil. Gerhard Rinkenauer
- **Chrono – Chronobiology** [/chronobiol/](#)
Head: Univ.-Prof. em. Dr. med. Barbara Griefahn
- **Phys – Physical Environment** [/thermophys/](#)
Head: Univ.-Prof. em. Dr. med. Barbara Griefahn
- **BioDyn – Biodynamics** [/biodyn/](#)
Head: PD Dr.-Ing. Matthias Jäger
- **NBTox – Neurobehavioural Toxicology & Chemosensation** [/neurotox/](#)
Head: Dr. rer. nat. Christoph van Thriel
- **CheR – Chemical Risks** [/chemicals/](#)
Head: Prof. Dr. rer. nat. Dr. med. Gisela Degen
- **MolTox – Molecular Toxicology** [/biomarkers/](#)
Head: PD Dr. rer. nat. Peter Roos
- **SysTox – System Toxicology** [/susceptibility/](#)
Head: Univ.-Prof. Dr. med. Jan G. Hengstler