



ANALYTIC CITY
in Berlin Adlershof

Adlershof. Science at Work.

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ANALYTICS - A FIELD FOR THE FUTURE

Today, the field of analytical sciences has become a key interdisciplinary tool for many solutions and innovations in science and engineering. Whether for the detection of harmful plasticisers in children's toys, the structural analysis of new engineering materials, or the authenticity of foodstuffs, the findings of analytical chemistry enhance greatly the value of many products and processes as well as the quality of our own lifestyles. Analytics also adopts the role of comparable significance in the controversies surrounding the social policies of the future, supplying hard facts for rational discussions on food safety or climate change.

The analytical sciences represent a coherent discipline at the boundaries between chemistry, physics, and biology, and their evolving methods and instruments never cease to provide new insights into the atomic and molecular processes of these and other fields.

Adlershof has a long and successful tradition of instrumental analysis and scientific instrument manufacturing that is now being continued by the local companies as well. Today, the Humboldt University of Berlin is one of the few universities in Germany where analytical chemistry is still completely integrated in the field of study. The non-university institutes and companies at Adlershof have unique opportunities and provide essential contributions to the site's analytical skills for research, training, and services. Following the success of the School of Analytical Sciences Adlershof (SALSA) in the 2012 Excellence Initiative, Adlershof can now take the opportunity to adopt a position as the Analytic City Adlershof, an excellence and innovation centre with a highly academic and entrepreneurial core.

This brochure presents a digest of the many partners at the location and provides a basis for new joint ventures.

Prof. Dr. rer. nat. Ulrich Panne
Humboldt-Universität zu Berlin &
President of Bundesanstalt für Materialforschung und -prüfung (BAM)
Spokesman of the Joint Initiative of Non-University Research Institutions
in Adlershof (IGAFA)



BERLIN ADLERSHOF – AN ANALYTIC CITY

Berlin Adlershof is a key initiator of Berlin's scientific and economic development. Furthermore, it is one of the most successful high tech locations in Germany and enjoys an excellent reputation on the international level as well.

Berlin Adlershof covers an area of 467 hectares (1,038 acres). Currently, an area of 102 hectares is covered by buildings. There are about 15,500 people working at more than 1,000 companies and six university and ten non-university research institutes. About 9,500 students are enrolled at present at the science institutes of Humboldt University of Berlin (HU).

All empty space in Adlershof will presumably be developed by the year 2020. Thus, the site

still offers best conditions for the settlement of additional innovative companies and scientific institutions.

At this stage, Adlershof presents a number of fascinating interrelations between university and non-university institutes and businesses.

A unique feature of the site is its accumulation of institutions dealing with analytical issues. In addition to research and teaching, Adlershof offers a home for

- methodologists and equipment developers,
- service providers,
- equipment marketers, and
- producer.

The range extends from material and environmental analytics to biological, medical, and food chemistry subjects, to process and

industrial analytics as well as measurement technologies.

This rich diversity of applications, business models and analytical methods has given rise to a huge range of offers in the analytical field, representing all of the conventional analytical methods and technologies for

- chromatography,
- spectroscopy,
- surface/structural analysis,
- microscopy, and,
- special methods.

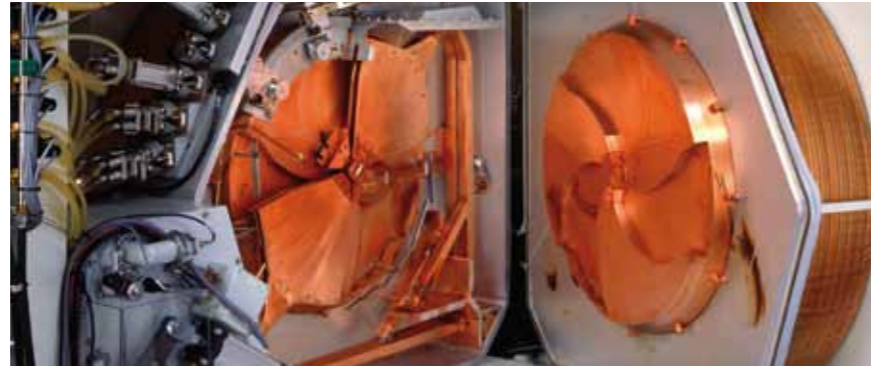
These are refined in close cooperation between research and business. Many of the Adlershof institutes and companies operating in the analytical fields hold a leading position in the international scale. For instance, the HZB Helmholtz-Zentrum Berlin for Materials and Energy and its synchrotron radiation source BESSY II attract every year a large number of international scientists to Adlershof. The HU Berlin is represented by its Chemistry Department on the Science and technology park. Today, the university ranks among the ten best in Germany and also enjoys an international reputation as one of the leading scientific institution for training and research in the fields of analytical chemistry.

WISTA-MANAGEMENT GMBH is the operator of the Adlershof Science and Technology Park. Its assignments also extend to the promotion of networks between science and business, national and international cooperation, and PR work.

The company is especially involved with networking of the location's companies and institutes in the field of analytics and analytical technologies in order to channel their potential into the Analytic City Adlershof competence centre, mobilising local synergies. Moreover, it is to visualise the huge diversity and performance of the Adlershof institutes in analytics and analysis measuring techniques in such a way as to attract interested parties to the location more easily. At the same time, WISTA-MANAGEMENT GMBH receives support from the Technologiekreis Adlershof (an association of innovative companies), of IGafa, the scientific network representing ten non-university research institutions located in Berlin Adlershof, and the HU Berlin.



Initiative circle Analytic City (f.l. Dr. Frank Lerch/OptecBB; Dr. Michael Maiwald/BAM, Dr. Peer Ambree/WISTA, Dr. Merwe Albrecht/BAM, Heidrun Terytze/WISTA, Dr.Christine Wedler/TKA respectively ASCA, Maria Badrian and Dr. Beate Mekiffer/WISTA-MANAGEMENT GMBH)



LIFE SCIENCES

About seventy companies in Adlershof are operating in the field of life sciences, focusing on product and process development, pharmaceuticals, medicine, and environmental technology. These companies play an active role in genome and proteome research as well as in the development of measuring methods, e.g. for the food industry.

ENVIRONMENTAL TECHNOLOGY

Environmental analysis as a subdiscipline of chemical analytics finds strong partners in Adlershof, such as certified service providers as well as in research and development. In addition, a number of institutions are working on technologies for ecological recovery. Adlershof companies also possess expertise in the safety relevant fields of environmental analysis, e.g. in the detection of chemical warfare agents and explosives, biological substances, and drugs.

EQUIPMENT DEVELOPMENT AND MARKETING

The development, manufacture, and marketing of analytical equipment augments the analytical expertise at Adlershof. The range of products extends from componentry (detectors, lamps, sensors, etc.) to finished products (chromatographs, spectrometers). Prototypes as well as small, medium, and large batches are produced for national and international customers.

ANALYTICAL CHEMISTRY

The Adlershof-based Department of Chemistry at the Humboldt University of Berlin (HU) is one of the world's leading research and educational institutes in the field of analytical chemistry. This institute launched the graduate School of Analytical Sciences Adlershof (SALSA) as part of the 2012 Excellence Initiative, involving the setup of application labs for the interdisciplinary development of new materials and analytical methods, also in close cooperation with business enterprises at the location. At the same time, Adlershof is also home to both non-university research establishments such as the Federale Institut for Materials Research and Testing (BAM) and medium sized companies that are using the latest methods for special assignments in analytical chemistry.

SURFACE ANALYSIS

A material's wettability, abrasion resistance, or susceptibility to corrosion depends essentially on its surface or structural properties. Adlershof companies and institutes are developing methods and equipment for surface and structural analyses. The range of applications extends e.g. to thin layer measurements, electron microscopy, and structural analytics.

OPTICS/PHOTOVOLTAICS

Adlershof ranks among the world's leading research and development locations for optical technologies, focusing on laser technologies, laser medical engineering, optoelectronics, and technical optics. This sector provides work for nearly fifty companies in Adlershof, some of which are geared closely to the expertise field of surface and structural analysis.

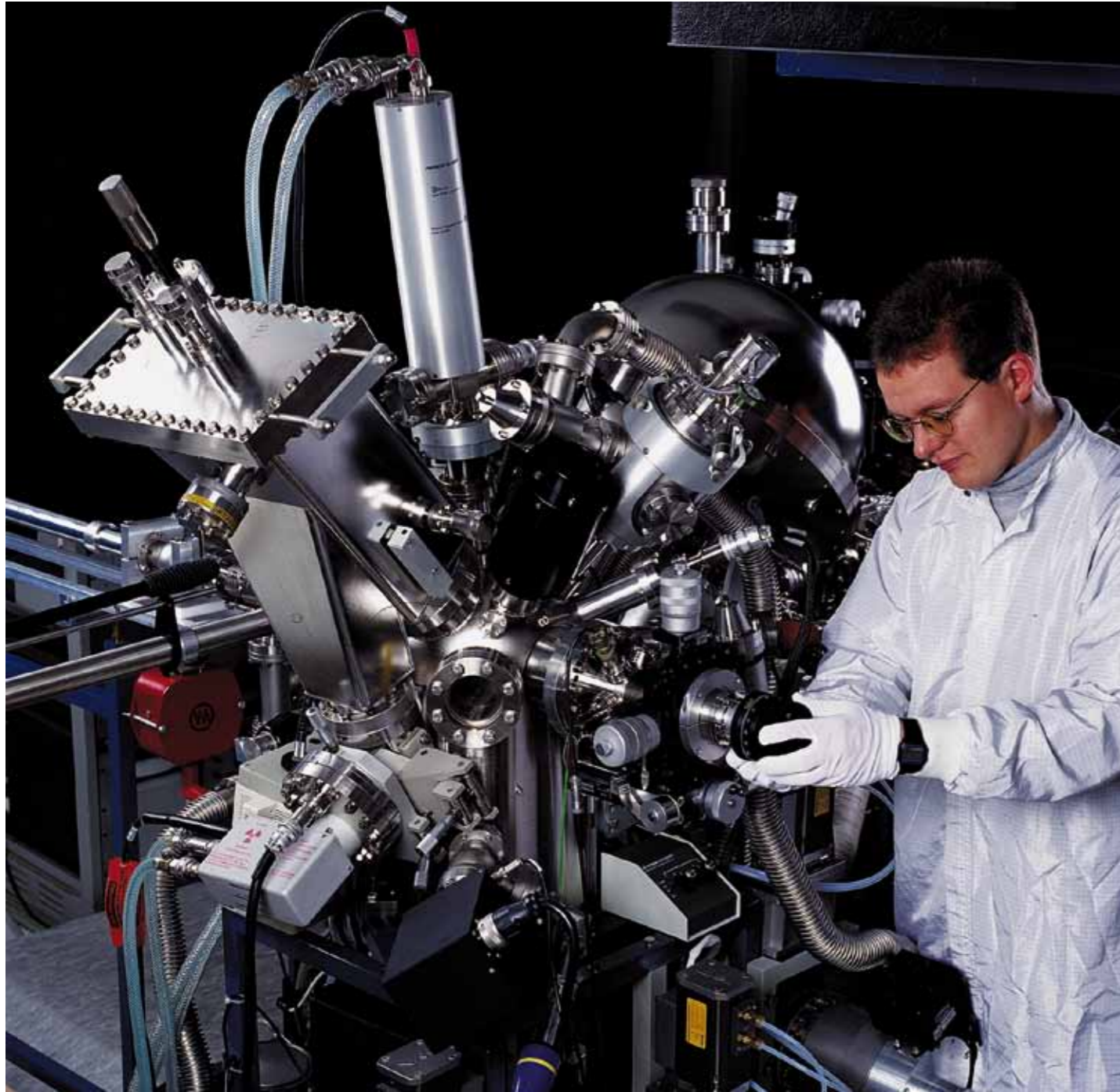
UNIVERSITY RESEARCH INSTITUTE

With over 9,500 students, the HU Campus is a vibrant centre in Adlershof. Besides the non-university research institutes and the tech-based companies, the science institutes of the HU function as one of the location's supporting pillars. The Graduate School of Analytical Sciences Adlershof (SALSA) is pursuing an interdisciplinary approach in training and research and will be the academic core of the Analytic City Adlershof.

PROCESS ANALYTICS

Fast, low priced, and reliable investigation methods are essential for the monitoring of production processes and the determination of substance properties and compositions in production plant. Adlershof is home to equipment manufacturers, researchers, and industrial users in the field of process analysis. A wide range of measuring methods like X-ray analytics and optical sensor systems are used for investigations into biotechnological and microbiological processes.





CLASSIFICATION OF THE COMPANIES

The following tables present a number of companies and research institutes including a summary of their analytical skills. These data were obtained in 2014 by WISTA-MANAGEMENT GMBH on the basis of questionnaires.

The first section lists companies and research institutions according to the analytical methods and techniques they apply, develop, and/or market. These establishments and institutes are identified according to their sector and activity.

The centre section lists the establishments and institutes with contact persons, contact details and fields of activity.

The last section presents a site map. It shows the locations of all establishments and institutes that provided the data for this brochure.

CLASSIFICATION OF THE COMPANIES ACCORDING TO THEIR TO MEASURING METHODS, SECTORS AND ACTIVITY

CHROMATOGRAPHY

	CE (CAPILLARY ELECTROPHORESIS)	FPLC (FAST PROTEIN LIQUID CHROMATOGRAPHY)	GC (GAS CHROMATOGRAPHY AND COUPLED METHODS)	GEL ELECTROPHORESIS	GPC/(SEC) (GEL PERMEATION CHROMATOGRAPHY)
3B Pharmaceuticals GmbH					
ANiMOX GmbH					
ASCA GmbH					
AZBA GmbH			GC-ECD (with electron capture detector) GC-FID (with flame ionisation detector) GC-MS (with mass spectroscopy)		
BAM			GC-FID (with flame ionisation detector) GC-HRMS (with high resolution mass spectroscopy)		
Biopract GmbH			GC-FD (with fluorescence detector) GC-RI (with refractive index detector) GC-UV (with ultraviolet detector)		
BIOWORX			GC-FID (with flame ionisation detector) GC-MS (with mass spectroscopy)		
Capsulution Pharma AG					
Chromicent GmbH					
Dr. Lerche KG					
HU - Institut für Chemie			GC-MS (with mass spectroscopy)		

SECTORS

ACTIVITY

	HPLC/(LC) (HIGH PERFORMANCE LIQUID CHROMATOGRAPHY AND COUPLED METHODS)	IC (ION CHROMATOGRAPHY)	SFC (SUPERCRITICAL FLUID CHROMATOGRAPHY)	UPLC (ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY)		
LC-MS (with mass spectroscopy) LC-MS-MS (with mass spectroscopy-mass spectroscopy)					LS	1 6
					LS	1 3 5 6
LC-MS (with mass spectroscopy)					LS	1
HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-UV (with ultraviolet detector)					AC PA	1 6
HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-RI (with refractive index detector) HPLC-UV (with ultraviolet detector)					AC	1
HPLC-UV (with ultraviolet detector)					ET PA	1 3 6
HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-RI (with refractive index detector) HPLC-UV (with ultraviolet detector) LC-MS (with mass spectroscopy)					LS	1 4 6
					LS	1 6
					LS AC	3 6
					LS	3 4 6
HPLC-DAD (with diode array detector) LC-ESI/APCI-MS (liquid chromatography electrospray ionisation/atmospheric pressure chemical ionisation mass spectroscopy) LC-ICP-MS (coupled with inductively coupled plasma mass spectroscopy) Recycl. LC (Recycling HPLC)					AC SA	1

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]

1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

CHROMATOGRAPHY

	CE (CAPILLARY ELECTROPHORESIS)	FPLC (FAST PROTEIN LIQUID CHROMATOGRAPHY)	GC (GAS CHROMATOGRAPHY AND COUPLED METHODS)	GEL ELECTROPHORESIS	GPC/(SEC) (GEL PERMEATION CHROMATOGRAPHY)
I.U.T. Institut für Umwelttechnologien GmbH			GC-MS (with mass spectroscopy)		
JPT Peptide Technologies GmbH					
Leibniz-Institut für Katalyse e. V.			GC-MS (with mass spectroscopy)		
PiCA Prüfinstitut Chemische Analytik GmbH			GC-ECD (with electron capture detector) GC-FID (with flame ionisation detector) GC-MS (with mass spectroscopy) GC-MS-MS (with mass spectroscopy-mass spectroscopy) GC-PND (with nitrogen/phosphorus sensitive detector) GC-WLD (Thermal Conductivity Detector) HS-GC-MS (Headspace GC-MS) Pyrolyse GC-HRMS (with mass spectroscopy) TDS-GC-MS (Thermodesorption GC-MS)		
SOFIA GmbH			GC-MS (with mass spectroscopy) GC-MS-MS (with mass spectroscopy-mass spectroscopy)		

SECTORS

ACTIVITY

HPLC/(LC) (HIGH PERFORMANCE, LIQUID CHROMATOGRAPHY AND COUPLED METHODS)	IC (ION CHROMATOGRAPHY)	SFC (SUPERCRITICAL FLUID CHROMATOGRAPHY)	UPLC (ULTRA PERFORMANCE LIQUID CHROMATOGRAPHY)		
LC-MS (with mass spectroscopy)				ET AC	2 6
LC-MS (with mass spectroscopy)				LS	1 3 4 5 6
LC-MS (with mass spectroscopy)				AC	1
HPLC-DAD (with diode array detector) HPLC-FD (with fluorescence detector) HPLC-RI (with refractive index detector) HPLC-UV (with ultraviolet detector) LC-MS (with mass spectroscopy) LC-MS-MS (with mass spectroscopy-mass spectroscopy)				AC	1 3 6
HPLC-FD (with fluorescence detector) HPLC-UV (with ultraviolet detector) LC-MS-MS (with mass spectroscopy-mass spectroscopy)				AC	6

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SPECTROSCOPY

	AAS (ATOMIC ABSORPTION SPECTROSCOPY)	AES/(OES) (ATOMIC EMISSION SPECTROSCOPY)	AFS (ATOMIC FLUORESCENCE SPECTROSCOPY)	ALPHA PARTICLE SPECTROSCOPY	BETA PARTICLE SPECTROSCOPY	BIACORE	CD (CIRCULAR DICHROISM SPECTROSCOPY)
3B Pharmaceuticals GmbH							
AZBA GmbH		ICP-OES (inductively coupled plasma optical emission spectroscopy)					
BAM		ICP-OES (inductively coupled plasma optical emission spectroscopy)					
Greateyes GmbH							
HU - Geographisches Institut		ICP-OES (inductively coupled plasma optical emission spectroscopy)					
HU - Institut für Chemie							
I.U.T. Institut für Umwelttechnologien GmbH					LSC and Low-Level-Counter		
JTL-BioTec.Analytics							
Leibniz-Institut für analytische Wissenschaften - ISAS - e. V.	HR-CS AA (high resolution continuum source atomic absorption spectroscopy)						
Leibniz-Institut für Katalyse e. V.		ICP-OES (inductively coupled plasma optical emission spectroscopy)					
Physikalisch-Technische Bundesanstalt							
Sentech Instruments GmbH							

SECTORS

ACTIVITY

ELLIPSOMETRY	ESCA/(PES) (ELECTRON SPECTROSCOPY FOR CHEMICAL ANALYSIS)		
		LS	1 6
		AC PA	1 6
		AC	1
		OP	2 3 4 6
		ET SA	1
		AC SA	1
		ET AC	2 6
		LS	2 3 4 5 6
MIR (mid infrared ellipsometry) NIR (near infrared ellipsometry) VUV-VIS (vacuum ultraviolet-visible ellipsometry)		AC SA	1 2 3
	AES/(APS) (Auger electron spectroscopy) UPS (ultraviolet photoelectron spectroscopy) XPS (X-ray photoelectron spectroscopy)	AC	1
VUV-VIS (vacuum ultraviolet-visible ellipsometry)	UPS (ultraviolet photoelectron spectroscopy)	SA OP	1 6
DUV-VIS (deep ultraviolet-visible ellipsometry) MIR (mid infrared ellipsometry) NIR (near infrared ellipsometry)		SA OP	2 4 5

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SPECTROSCOPY

	ESR/(EPR) (ELECTRON SPIN RESONANCE SPECTROSCOPY)	FLUORESCENCE SPECTROSCOPY	GAMMA SPECTROSCOPY
art photonics GmbH			
BAM		FCS (fluorescence correlation spectroscopy) LIF (laser-induced fluorescence)	
Greateyes GmbH			
HU - Geographisches Institut			
HU - Institut für Chemie			
HZB GmbH			
I.U.T. Institut für Umwelt- technologien GmbH			
JTL-BioTec.Analytics			
Leibniz-Institut für ana- lytische Wissenschaften - ISAS - e. V.			
Leibniz-Institut für Katalyse e. V.			
LLA Instruments GmbH			
LTB Lasertechnik Berlin GmbH		LIF (laser-induced fluorescence)	
Physikalisch-Technische Bundesanstalt			
PiCA Prüfinstitut Chemische Analytik GmbH			
PicoQuant GmbH		FCS (fluorescence correlation spectroscopy) FRET (fluorescence resonance energy transfer)	
Privatinstitut Galenus GmbH			
Surflay Nanotec GmbH			

SECTORS

ACTIVITY

IMPEDANCE SPECTROSCOPY	IR (INFRARED SPECTROSCOPY)		
		PA	1 2 3 4
	FT-IR (fourier transform infrared) IR-ATR (infrared attenuated total reflection)	AC	1
		OP	2 3 4 6
		ET SA	1
	FT-FIR (fourier transform far infrared) FT-IR (fourier transform infrared) FT-MIR (fourier transform mid infrared)	AC SA	1
	FIR (far infrared)	SA OP	1 6
	FT-IR (fourier transform infrared)	ET AC	2 6
	NIR (near infrared)	LS	2 3 4 5 6
		AC SA	1 2 3
	IR-ATR (infrared attenuated total reflection)	AC	1
	NIR (near infrared)	AC	2 5
		AC	2 3 4
	FT-FIR (fourier transform far infrared) FT-IR (fourier transform infrared) FT-MIR (fourier transform mid infrared)	SA OP	1 6
	FT-IR (fourier transform infrared)	AC	1 3 6
		LS	1 2
		LS	1
		LS SA	1 6

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SPECTROSCOPY

LIBS
(LASER-INDUCED
BREAKDOWN
SPECTROSCOPY)

MS
(MASS SPECTROSCOPY AND
COUPLED METHODS)

NMR
(NUCLEAR MAGNETIC RESONANCE SPECTROSCOPY)

ASCA GmbH			
BAM		ESI-MS (electrospray ionisation mass spectroscopy) GD-MS (glow discharge mass spectroscopy) ICP-MS (inductively coupled plasma MS)	
Dr. Michael Himmelhaus – nanoBioAnalytics			
Greateyes GmbH			
HU - Institut für Chemie		ESI-HRMS-MS (electrospray ionisation coupled with tandem high resolution mass spectroscopy) ESI-MS (electrospray ionisation mass spectroscopy) ESI-MS-MS (electrospray ionisation tandem MS) MALDI-MS (matrix assisted laser desorption/ionisation mass spectroscopy)	MAS-NMR (magic-angle-spinning nuclear magnetic resonance spectroscopy)
HZB GmbH			
JPT Peptide Technologies GmbH		MALDI-TOF-MS (matrix assisted laser desorption/ionisation time-of-flight mass spectroscopy)	
Leibniz-Institut für analytische Wissenschaften - ISAS - e. V.			
Leibniz-Institut für Katalyse e. V.			
LTB Lasertechnik Berlin GmbH			
microParticles GmbH			
Physikalisch-Technische Bundesanstalt			
SENTECH Instruments GmbH			

SECTORS

ACTIVITY

PCS
(PHOTON
CORRELATION
SPECTROSCOPY)

PES
(PHOTOELECTRON
SPECTROSCOPY)

**PHOTOLUMINES-
CENCE
SPECTROSCOPY**

**RAMAN-
SPECTROSCOPY**

REFLECTOMETRY

					LS	1
			FT-RAMAN (Fourier transform Raman spectroscopy)		AC	1
					PA	2 4
					OP	2 3 4 6
			FT-RAMAN (Fourier transform Raman spectroscopy)		AC SA	1
					SA OP	1 6
					LS	1 3 4 5 6
					AC SA	1 2 3
					AC	1
					AC	2 3 4
					SA	1
				VUV-, EUV-, X-Ray reflectometry	SA OP	1 6
				NIR reflectometry UV-VIS reflectometry	SA OP	2 4 5

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SPECTROSCOPY

	REFLECTANCE SPECTROSCOPY	RFA/(RFS)/(XRF) [X-RAY FLUORESCENCE SPECTROSCOPY]	RIXS [RESONANT INELASTIC X-RAY SCATTERING SPECTROSCOPY]	SXE [X-RAY EMISSION SPECTROSCOPY]
AZBA GmbH				
BAM				
Biopract GmbH				
Bruker Nano GmbH				
COLVISTEC AG				
Greateyes GmbH				
HU - Institut für Chemie				
HZB GmbH				
Institut für angewandte Photonik e. V.				
Leibniz-Institut für Katalyse e. V.				
LLA Instruments GmbH				
Physikalisch-Technische Bundesanstalt				
PiCA Prüfinstitut Chemische Analytik GmbH				
SOFIA GmbH				

SECTORS

ACTIVITY

	TRANSMISSION-SPECTROSCOPY	UV-VIS [ULTRAVIOLET-VISIBLE SPECTROSCOPY]	XAS [X-RAY ABSORPTION SPECTROSCOPY]		
				AC PA	1
				AC	1
				ET PA	1 3 6
				AC	2 4 5
				OP	2 4 5
				OP	2 3 4 6
				AC SA	1
			EXAFS [extended X-ray absorption fine structure] NEXAFS/ (XANES) [near edge X-ray absorption fine structure]	SA OP	1 6
				OP PA	1
				AC	1
				AC	2 5
			EXAFS [extended X-ray absorption fine structure] NEXAFS/ (XANES) [near edge X-ray absorption fine structure]	SA OP	1 6
				AC	1 3 6
				AC	6

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MICROSCOPY

	AFM (ATOMIC FORCE MICROSCOPY)	CLSM (CONFOCAL LASER SCANNING MICROSCOPY)	FLUORESCENCE MICROSCOPY	INFRARED MICROSCOPY
Bruker Nano GmbH				
HU - Institut für Chemie				
HZB GmbH				
Institut für angewandte Photonik e. V.				
Leibniz-Institut für ana- lytische Wissenschaften - ISAS - e. V.				
Leibniz-Institut für Kata- lyse e. V.				
Leibniz-Institut für Kristallzüchtung (IKZ)				
Physikalisch-Technische Bundesanstalt				Near field microscopy
PicoQuant GmbH			FLIM (fluorescence lifetime imaging microscopy)	
Surflay Nanotec GmbH				

SECTORS

ACTIVITY

	PEEM (PHOTOEMISSION ELECTRON MICROSCOPY)	REM/(SEM) (SCANNING ELECTRON MICROSCOPY)	TEM TRANSMISSION ELECTRON MICROSCOPY)	X-RAY MICROSCOPY		
		EBSD (electron backscatter diffraction)			● ● ● ● AC ● ● ● ●	● 2 ● 4 ● 5 ●
		ESEM (environmental scanning electron microscopy)			● ● ● ● AC SA ● ● ● ●	1 ● ● ● ● ● ●
					● ● ● ● SA OP ● ● ● ●	1 ● ● ● ● ● 6
					● ● ● ● ● OP PA ● ● ● ●	1 ● ● ● ● ● ●
					● ● ● ● AC SA ● ● ● ●	1 2 3 ● ● ● ●
					● ● ● ● AC ● ● ● ● ● ●	1 ● ● ● ● ● ●
					● ● ● ● SA ● ● ● ● ● ●	1 ● ● ● ● ● ●
					● ● ● ● SA OP ● ● ● ● ● ●	1 ● ● ● ● ● 6
					LS ● ● ● ● ● ● ● ● ● ●	1 2 ● ● ● ● ● ●
					LS ● ● ● ● SA ● ● ● ● ● ●	1 ● ● ● ● ● 6

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SURFACE/STRUCTURE ANALYSIS

BET-MEASUREMENTS (BRUNAUER-EMMETT-TELLER) ESMA/EPMA (ELECTRON PROBE MICROANALYSIS) FLOW CYTOMETRY INTERFEROMETRY LASER DIFFRACTOMETRY

BAM					
Bruker Nano GmbH					
Dr. Lerche KG					
GNF e. V.					
HU - Geographisches Institut					
HU - Institut für Chemie					
IfG GmbH					
IsoAnalysis UG					
RTG Mikroanalyse GmbH Berlin					
Surflay Nanotec GmbH					
TRIOPTICS Berlin GmbH					

SECTORS

ACTIVITY

MS (MASS SPECTROMETRY) OSL/TL (OPTICALLY STIMULATED LUMINESCENCE / THERMOLUMINESCENCE) PARTICLE ANALYSIS MERCURY POROSIMETRY

				AC	1
				AC	2 4 5
		Coulter counter Dispersion analysis Laser particle measurement Laser scattered light particle analysis Particle size distribution Separation analysis		LS	3 4 6
			High pressure mercury porosimetry low pressure mercury porosimetry	ET SA	1 3 4 5 6
				ET SA	1
				AC SA	1
				SA	1
TIMS (thermal ionisation MS)				AC	6
SIMS (secondary ion MS)				SA	6
				LS SA	1 6
				OP	1 2 3 6

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SURFACE/STRUCTURE ANALYSIS

SAXS
(SMALL-ANGLE X-RAY SCATTERING)

STRESS ANALYSIS

TEOM WITH FDMS (TAPERED ELEMENT OSCILLATING MICRO-BALANCE WITH FILTER DYNAMICS MEASUREMENT SYSTEM)

UFM
(ULTRAFINE PARTICLE MONITOR)

BAM				
Dr. Lerche KG				
GNF e. V.				
HU - Geographisches Institut				
HU - Institut für Chemie				
HZB GmbH				
Institut für angewandte Photonik e. V.				
Leibniz-Institut für Katalyse e. V.				
Physikalisch-technische Bundesanstalt				
Surflay Nanotec GmbH				

SECTORS ACTIVITY

XRD
(X-RAY DIFFRACTION)

XUV-SCATTEROMETRY

ZETASIZER

Monocrystal XRD (monocrystal X-ray diffraction) Powder XRD (powder X-ray diffraction)			AC	1
			LS	3 4 6
Laser XRD (laser X-ray diffraction) X-ray reactor chamber			ET SA	1 3 4 5 6
			ET SA	1
Monocrystal XRD (monocrystal X-ray diffraction) Powder XRD (powder X-ray diffraction)			AC SA	1
			SA OP	1 6
			OP PA	1
Monocrystal XRD (monocrystal X-ray diffraction) Powder XRD (powder X-ray diffraction)			AC	1
			SA OP	1 6
			LS SA	1 6

LS ET AC SA OP PA life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]

1 2 3 4 5 6 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

OTHER TECHNIQUES

	B-D	E	F-Q	R	S
AZBA GmbH		CFA (continuous flow analysis) Determination of Percolation		KFT (Karl Fischer titration)	
Biopract GmbH			HFT (Hohenheim Gas Test)	Rheometry	
Crystal Photonics GmbH		Dark current measurements	Oscilloscope Pulse rate analysis		
Dr. Lerche KG				Rheometry	
GNF e. V.		Density measurements (helium pycnometer or absolute density)	Luminous bacteria test pH measurements	Rheometry	
HU - Institut für Chemie		Electrochemistry: CV (Cyclic voltammetry) RDE (rotating disc electrode) Spectroelectrochemistry Voltammetry		Rheometry RTD-PCR (real time detection polymerase chain reaction)	Scintillation counter
JTL-BioTec.Analytics					Sono-crystallisation
PiCA Prüfinstitut Chemische Analytik GmbH		Emissions measurements (test chamber, emission test cell)	Migration measurements		
Privatinstitut Galenus GmbH				RPF (radical protective factor)	
SCIENION AG			Lateral-Flow-Assays and Microarrays		
SCW GmbH					
SLM GmbH			Microbiological testing		
Soldynamik GmbH		Durability and mechanical strength of polymers			
WITEGA Laboratorien Berlin-Adlershof GmbH		Elemental analysis (C, H, N, S)	KFT (Karl Fischer titration)		

SECTORS






ACTIVITY

	T	U	V-W		
		Environmental analysis: AOX (adsorbable organic halogen compounds) EOX (extractable organic halogen compounds) TC (total carbon) TIC (total inorganic carbon) TOC (total organic carbon)	Wet and dry weight measurements		
Tensile strength measurements		Environmental analysis: NPOC (Non-Purgable Organic Carbon) TC (total carbon) TIC (total inorganic carbon) TOC (total organic carbon) TN_t (Total Bound Nitrogen)	Wet and dry weight measurements		
Thermal analysis: DSC (differential scanning calorimetry) DTA-TG-MS (differential thermal analysis-thermogravimetry-mass spectroscopy) TGA (thermogravimetric analysis)					
Thermal analysis: TG-DTA (thermogravimetry/differential thermal analysis) TMA (thermomechanical analysis)					

life science [LS], environmental technology [ET], analytical chemistry [AC], surface analysis [SA], optics/photovoltaics [OP], process analysis [PA]
 research/apprenticeship/training (1), software/hardware/system integrator (2), application developer (3), producer (4), sales (5), service provider (6)

ALPHABETIC LIST OF COMPANIES







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
10 14	3B Pharmaceuticals GmbH	Magnusstraße 11 12489 Berlin www.3b-pharma.com	Dr. Jan Ungewiss (Biacore, FPLC, HPLC, LC-MS, LC-MS-MS)
	ANAU Berlin-lab GmbH	Rudower Chaussee 29-31 12489 Berlin	Michael Augustin (see area of activity)
10	ANiMOX GmbH	Max-Planck-Straße 3 12489 Berlin www.animox.de	Thomas Grimm (GC, GPC, HPLC)
16	art photonics GmbH	Rudower Chaussee 46 12489 Berlin www.artphotonics.com	Dr. Viacheslav Artyushenko Dr. Franziska Schulte (IR)
10 18	ASCA GmbH Angewandte Synthesechemie Adlershof	Magnusstraße 11 12489 Berlin www.asca-berlin.de	Dr. René Kudick (LC-MS, NMR)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 4317 +49 30 6392 4321 Fax: +49 30 6392 4314 info@3b-pharma.com	<ul style="list-style-type: none"> Development of peptidic agents, diagnostics, and affinity ligands for protein purification 	
Tel.: +49 30 6779 8599 +49 30 6780 7929 +49 30 6392 6625 Fax: +49 30 6780 4058 +49 30 6779 8884 anau_berlin-lab@t-online.de	<ul style="list-style-type: none"> Development and marketing of laboratory equipment Development and marketing of analytical equipment for thin layer surfaces Marketing of optical accessories for laser and terahertz equipment Analysis of the structure and composition of thin layer surfaces (nanotechnology) 	
Tel.: +49 30 6392 1040 Fax: +49 30 6392 1042 info@animox.de	<ul style="list-style-type: none"> Development of biotechnological processes Peptide research Biocatalysis Environmental analytics and micro-biology laboratory services 	
Tel.: +49 30 6779 8870 Fax: +49 30 6779 88799 sa@artphotonics.com	<ul style="list-style-type: none"> Manufacture of optical fibres, cables, bundles, and probes for the 200 nm to 18 µm range 	
Tel.: +49 30 6392 4133 Fax: +49 30 6392 4103 kudick@asca-berlin.de	<ul style="list-style-type: none"> Contract research and custom synthesis for the pharmaceuticals and chemicals industries 	







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
	Astro- und Feinwerktechnik Adlershof GmbH	Albert-Einstein-Straße 12 12489 Berlin www.astrofein.com	Michael Scheiding (see area of activity)
10 14 20 28	AZBA Analytisches Zentrum Berlin-Adlershof GmbH	Justus-von-Liebig-Straße 4 12489 Berlin www.azba.de	Dr. Volkmar Müller (AAS, AFS, AOX, CFA, Determination of Percolation, EOX, GC-ECD, GC-FID, GC-MS, HPLC-DAD, HPLC-FD, HPLC-UV, IC, ICP-OES, KFT, TC, TIC, TOC, UV-VIS, Wet and dry weight measurements)
10 14 16 18 20 24 26	BAM Bundesanstalt für Materialforschung und -prüfung	Richard-Willstätter-Str. 11 12489 Berlin www.bam.de	Prof. Dr. Ulrich Panne Dr. Michael Maiwald (AAS, AES, ESI-MS, FCS, FT-IR, FT-RAMAN, GC, GC-FID, GC-HRMS, GD-MS, GPC, HPLC, HPLC-DAD, HPLC-FD, HPLC-RI, HPLC-UV, ICP-MS, ICP-OES, IR, IR-ATR, LIBS, LIF, Mercury porosimetry, Monocrystal XRD, MS, NMR, Powder XRD, RAMAN, RFA, UPLC, UV-VIS)
	BESTEC GmbH	Am Studio 2B 12489 Berlin www.bestec.de	Rainer Hammerschmidt (see area of activity)
10 20 28	Biopract GmbH	Magnusstraße 11 12489 Berlin www.biopract.de	Dr. Joachim Pheiffer (GC-FD, GC-RI, GC-UV, HFT, HPLC-UV, Rheometry, UV-VIS)

CR SP MI SA OT







chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 1000 Fax: +49 30 6392 1002 info@astrofein.com	<ul style="list-style-type: none"> Development, manufacture, and testing of precision mechanical components, assemblies, and devices of the highest reliability for industry and science 	
Tel.: +49 30 6392 2125 Fax: +49 30 6392 3267 info@azba.de	<ul style="list-style-type: none"> Chemical and physicochemical analyses for the environment (contaminated sites, waste, hazardous substances, groundwater), sewage, drinking water, product analytics, and process monitoring 	
Tel.: +49 30 8104 1160 ulrich.panne@bam.de	<ul style="list-style-type: none"> Research projects Systems reliability research Research into new analytical and Testing techniques <p>Field 1:</p> <ul style="list-style-type: none"> Provision and assessment of analytical Chemistry methods and reference materials 	
Tel.: +49 30 8104 1140 Michael.Maiwald@bam.de		
Tel.: +49 30 6774 376 info@bestec.de	<ul style="list-style-type: none"> Research and development Production of surface analytical and coating systems 	
Tel.: +49 30 6392 6205 Fax: +49 30 6392 6206 biopract@biopract.de	<ul style="list-style-type: none"> Development, production, and application of technical enzymes, biotechnology methods for water and soil remediation, consultancy services 	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
10	BIOWORX Biotechnologielabor - Thomas Grimm	Volmerstraße 7 B 12489 Berlin www.bioworx.de	Thomas Grimm (FPLC, GC-FID, GC-MS, HPLC-DAD, HPLC-FD, HPLC-RI, HPLC-UV, LC-MS)
20 22 24	Bruker Nano GmbH	Am Studio 2 D 12489 Berlin www.bruker-nano.de	Dr. Armin Gross Gert Kommichau (EBSD, ESMA/EPMA, RFA)
10	Capsulation Pharma AG	Volmerstraße 7 B 12489 Berlin capsulation.com	Wolfgang Borch Christina Streich (HPLC)
10	Chromicent GmbH	Rudower Chaussee 29 12489 Berlin www.chromicent.de	Alexander H. Schmidt (HPLC, SFC, UPLC)
20	COLVISTEC AG	Max-Planck-Straße 3 12489 Berlin www.colvistec.de	Dr. Andreas Berghaus (UV-VIS)
28	Crystal Photonics GmbH	Albert-Einstein-Straße 16 12489 Berlin www.crystal-photonics.com	Klaus Schwenkenbecher (Dark current measurements, Oscilloscope, Pulse rate analysis)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 1041 Fax: +49 30 6392 1042 info@bioworx.de	<ul style="list-style-type: none"> • Biocatalytic process development • Microtitre plate, minibioreactor, shake flask, stirred tank reactor, and small fermenterscreenings 	
Tel.: +49 30 670990 0 info@bruker-nano.de	<ul style="list-style-type: none"> • Scientific instruments and solutions for molecular and materials research and for industrial and applied analytics • X ray spectrometers and detectors • Equipment engineering for electron backscatter diffraction (EBSD) in scanning electron microscopy 	
Tel.: +49 30 6706 9190 Fax: +49 30 6706 919101 info@capsulation.com	<ul style="list-style-type: none"> • Manufacture of magnetic nanoparticle dispersions (ferrofluids) for preclinical applications 	
Tel.: +49 30 2332 89310 alexander.schmidt@chromicent.de	<ul style="list-style-type: none"> • Development of analytic methods, including validation, consulting, training, and auditing in the pharmaceutical field 	
Tel.: +49 30 6392 7815 Fax: +49 30 6392 7818 info@colvistec.de	<ul style="list-style-type: none"> • Inline colorimetry for process monitoring (reflection and transmission) 	
Tel.: +49 30 3466 9300 Fax: +49 30 3466 9299 info@crystal-photonics.com	<ul style="list-style-type: none"> • Nuclear radiation detectors for medical engineering, industry, and research • Customisation of nuclear radiation detectors • Medical gamma probes 	







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
10 24 26 28	Dr. Lerche KG	Justus-von-Liebig-Straße 3 12489 Berlin www.lerche-biotec.com	Dr. Holger Woehlecke (GPC, Coulter counter, Dispersion analysis, Laser particle measurement, Laser scattered light particle analysis, Particle size distribution, Rheometry, Separation analysis, Zetasizer)
18	Dr. Michael Himmelhaus - nanoBioAnalytics	Max-Planck-Straße 3 12489 Berlin www.nanobioanalytics.com	Dr. Michael Himmelhaus (RAMAN)
	Eurofins Umwelt Ost GmbH Berlin office	Rudower Chaussee 29 12489 Berlin www.eurofins-umwelt-ost.de	Astrid Sperrhacker (see area of activity)
	FOC GmbH	Justus-von-Liebig-Straße 7 12489 Berlin www.foc-fo.de	Axel Thiel (see area of activity)
24 26 28	GNF Gesellschaft zur Förderung der naturwissenschaftlich-technischen Forschung in Berlin-Adlershof e. V.	Volmerstraße 7 B 12489 Berlin www.gnf-berlin.de	Björn Knauthe (BET measurements, Density measurements, Diffusion measurements, High pressure mercury porosimetry, Laser XRD, Low pressure mercury porosimetry, Luminous bacteria test, NPOC, pH measurements, Rheometry, Tensile strength measurements, TOC, TIC, C, NPOC, TN _b , Wet and dry weight measurements, X-ray reactor chamber, XRD)
14 16 18 20	Greateyes GmbH	Rudower Chaussee 29 12489 Berlin www.greateyes.de	Dr. Martin Regehly (AAS, Fluorescence spectroscopy, Photoluminescence spectroscopy, Raman spectroscopy, Reflectance spectroscopy, Transmission spectroscopy)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6780 6050 Fax: +49 30 6780 6056 office@lerche-biotec.com	<ul style="list-style-type: none"> Development and application of micro- and macroencapsulation methods for cell aggregates, cells, and macromolecules Further development, production, and marketing of reference particles Specialised services in the field of material characterisation 	
Tel.: +49 30 6392 2198 Fax: +49 30 6392 2198 info@nanobioanalytics.com	<ul style="list-style-type: none"> Development and production of biomedical instruments (microparticle sensor systems, process Raman systems, fibre sensors, high resolution optical spectrographs) 	
Tel.: +49 3641 4649 0 Fax: +49 3641 4649 19 info_jena@eurofins.de	<ul style="list-style-type: none"> Classical environmental analytics including sampling, toxicological analyses, biotests, fuel analytics, microbiological investigations, agricultural nutrient analyses, product analytics, biogas investigations, and resorption availability in contaminated soil material 	
Tel.: +49 30 5655 0733 Fax: +49 30 5655 0719 axel.thiel@foc-fo.de	<ul style="list-style-type: none"> Development and production of passive optical componentry and systems for the telecommunications industry and related fields 	
Tel.: +49 30 6392 4802 mail@gnf-berlin.de	<ul style="list-style-type: none"> Adsorbents and water purification Building material chemistry and development Sensor and environmental technologies (G.E.R.U.S.) 	
Tel.: +49 30 6392 6237 Fax: +49 30 6392 6238 info@greateyes.de	<ul style="list-style-type: none"> Development and production of high performance digital cameras for spectroscopy and imaging applications 	






PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
	HF Biotec Berlin GmbH	Volmerstraße 9 B 12489 Berlin www.hf-biotec.com	Dr. Diwithrij Bieren (see area of activity)
14 16 24 26	Humboldt-Universität zu Berlin - Geographisches Institut	Rudower Chaussee 16 12489 Berlin www.geographie.hu-berlin.de	Dr. Arnim Martin (Gamma-spectroscopy, ICP-OES, Laser diffractometry, OSL/TL, Powder XRD)
			Prof. Dr. Wilfried Endlicher Dr. Marcel Langner (TEOM with FDMS, UFM)
10 14 16 18 20 22 24 26 28	Humboldt-Universität zu Berlin - Institut für Chemie	Brook-Taylor-Straße 2 12489 Berlin www.chemie.hu-berlin.de	Prof. Dr. Erhard Kemnitz (BET measurements, DTA-TG-MS, FT-IR, MAS-NMR, Powder XRD)
			Dr. Christian Herwig (CV, ESI-MS, GC-MS, IR, RAMAN, UV-VIS, XRD)
			Dr. Mike Ahrens (Monocrystal XRD, FT-FIR, FT-MIR, FT-RAMAN, GC-MS, MS, NMR, UV-VIS)

CR SP MI SA OT







chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 2062 4670 Fax: +49 30 2062 4689 info@hf-biotec.com	<ul style="list-style-type: none"> Development of technologies and processes in the fields of fermentation (currently special biogas processes), biogas refinement, and PCC production 	
Tel.: +49 30 2093 6816 arnim.martin@geo.hu-berlin.de	<ul style="list-style-type: none"> Physical geography: geomorphology and soil science laboratories Determination of soil parameters Determination of elements and mineral compositions Dating 	
Tel.: +49 30 2093 6808 wilfried.endlicher@geo.hu-berlin.de	<ul style="list-style-type: none"> Physical geography: climatology and air hygiene laboratories Determination of atmospheric air pollutants (immissions and depositions) 	
Tel.: +49 30 2093 7555 erhard.kemnitz@chemie.hu-berlin.de	<ul style="list-style-type: none"> General and inorganic chemistry: solid state chemistry/heterogeneous catalysis 	
Tel.: +49 30 2093 7406 christian.herwig@chemie.hu-berlin.de	<ul style="list-style-type: none"> General and inorganic chemistry: coordination chemistry/oxidations 	
Tel.: +49 30 2093 3913 Fax: +49 30 2093 7468 mike.ahrens@staff.hu-berlin.de	<ul style="list-style-type: none"> General and inorganic chemistry: organometallic chemistry and homogeneous catalysis inorganic molecular chemistry, fluorine chemistry Synthesis under inert conditions 	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
<p>10 16 18 20 22</p> <p>24 26 28</p>	Humboldt-Universität zu Berlin - Institut für Chemie	Brook-Taylor-Straße 2 12489 Berlin www.chemie.hu-berlin.de	Prof. Dr. Michael Linscheid Dr. Sebastian Beck (CE, ESI-HRMS-MS, ESI-MS-MS, LC-ESI/APCI-MS, LC-ICP-MS, MALDI-MS)
Prof. Dr. Christoph Arenz (Biacore, Fluoreszenz spectroscopy, RTD-PCR, Scintillation counter)			
Prof. Dr. Oliver Seitz (Fluorescence spectroscopy, Gel electrophoresis, HPLC, MS, UPLC, UV-VIS)			
Dr. Joachim Leistner Dr. Lutz Grubert (CD-Spectroscopy, CV, DSC, Fluorescence spectroscopy, GPC, HPLC-DAD, IR, RDE, recycl. LC, Spectroelectrochemistry, TGA, UPLC-MS, UV-VIS, Voltammetry)			
Prof. Dr. Janina Kneipp (ESEM)			
<p>16 18 20 22 26</p>	HZB - Helmholtz-Zentrum Berlin für Materialien and Energie GmbH, Elektronenspeicherring BESSY II	Albert-Einstein-Straße 15 12489 Berlin www.helmholtz-berlin.de	Dr. Thomas Gutberlet Dr. Antje Vollmer (EXAFS, FIR, NEXAFS, PEEM, PES, RIXS, SAXS, Stress analysis, SXE, X-ray microscopy)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 2093 7575 Fax: +49 30 2093 6985 analytik@chemie.hu-berlin.de	• Applied analytics and environmental chemistry	
Tel.: +49 30 2093 8393 christoph.arenz@chemie.hu-berlin.de	• Organic and bioorganic chemistry: bioorganic chemistry	
Tel.: +49 30 2093 7446 oliver.seitz@chemie.hu-berlin.de	• Organic and bioorganic chemistry: bioorganic synthesis	
Tel.: +49 30 2093 7365 Fax: +49 30 2093 6940 sh@chemie.hu-berlin.de (Web: www.hechtlab.de)	• Organic and bioorganic chemistry: organic and functional materials	
Tel.: +49 30 2093 7171 janina.kneipp@chemie.hu-berlin.de	• Physical chemistry	
Tel.: +49 30 8062 0 Fax: +49 30 8062 12990 info@helmholtz-berlin.de	• Functional materials • Magnetic materials • Solar energy research • R&D accelerators	







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
12 14 16	I.U.T. Institut für Umwelttechnologien GmbH	Justus-von-Liebig-Straße 6 12489 Berlin www.iut-berlin.com	Dr. Bernhard Koch (Alpha particle spectroscopy, Beta particle spectroscopy (LSC and Low-Level-Counter), FT-IR, Gamma spectroscopy, GC-MS, LC-MS)
24	IfG - Institute for Scientific Instruments GmbH	Rudower Chaussee 29/31 12489 Berlin www.ifg-adlershof.de	Yvonne Höhn (ESMA/EPMA)
20 22 26	Institut für angewandte Photonik e. V.	Rudower Chaussee 29/31 12489 Berlin www.iap-adlershof.de	Dr. Reiner Wedell (AFM, REM, RFA, XRD)
24	IsoAnalysis UG	Gustav-Müller-Straße 38 10829 Berlin Volmerstraße 7B 12489 Berlin www.isoanalysis.de	Dr. Martin Rosner (TIMS)
	IUT Medical GmbH	Volmerstraße 7b 12489 Berlin	Prof. Dr. Jürgen Leonhardt (see area of activity)
	JP-ProteQ	Carl-Scheele-Straße 16 12489 Berlin www.jp-proteq.com	Dr. Jürgen Paetow (see area of activity)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 5517 Fax: +49 30 6392 4831 b.koch@iut-berlin.com	<ul style="list-style-type: none"> • Radioactivity measurements • Development of radiochemical processes • Isotope abundance analyses • Standard methods of organic and general analytics 	
Tel.: +49 30 6392 6500 info@ifg-adlershof.de	<ul style="list-style-type: none"> • Research and development in selected fields of • X ray physics • Production of X ray analytical equipment and componentry • Process oriented in- and offline instrumentation 	
Tel.: +49 30 6392 6503 Fax: +49 30 6392 6501 wedell@iap-adlershof.de	<ul style="list-style-type: none"> • Application oriented basic research • Process oriented X ray analytics • Photonic crystal fibres • Raytracing • Other elements from micro- and nanostructured glass 	
Tel.: +49 30 8104 4112 info@isoanalysis.de	<ul style="list-style-type: none"> • Material characterisation, determination of origin, forensics, archaeometry, environmental monitoring 	
Tel.: +49 30 2014 33000 j.leonhardt@iut-medical.com	<ul style="list-style-type: none"> • Development and production of IMS and PID based analytical instruments 	
Tel.: +49 30 6392 7187 Fax: +49 30 6392 7189 info@jp-proteq.com	<ul style="list-style-type: none"> • Analytics service provider • Application and trading on the market of established analysis systems • Development of special accessories for industrial laser systems • Integrated measuring system solutions for customer industrial processes 	







PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
12 18	JPT Peptide Technologies GmbH	Volmerstraße 5 12489 Berlin www.jpt.com	Dr. Marco Schulz Dr. Julia Nehmer (HPLC, LC-MS, MALDI-TOF-MS)
16 28	JTL-BioTec.Analytics	Carl-Scheele-Straße 16 12489 Berlin www.biotech-analytics.de	Frank Wagner (Impedance spectroscopy, NIR, Sonocrystallisation)
14 16 18 22	Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V.	Albert-Einstein-Straße 9 12489 Berlin www.isas.de	Dr. Stefan Florek Dr. Mao-Dong Huang (HR-CS AAS)
			Dr. Karsten Hinrichs (Infrared microscopy, MIR ellipsometry, NIR ellipsometry)
			Prof. Dr. Norbert Esser Dr. Eugen Speiser (RAMAN, VUV-VIS ellipsometry)
12 14 16 18 20 22 26	Leibniz-Institut für Katalyse e. V. an der Universität Rostock Berlin office	Volmerstraße 7 B 12489 Berlin www.catalysis.de	Prof. Dr. Bernhard Lücke methods are only available in Rostock (AAS, AES, ESR, GC, GC-MS, HPLC, ICP-OES, IR-ATR, LC-MS, Monocrystal XRD, MS, NMR, Powder XRD, REM, TEM, UPS, UV-VIS, XPS)

CR SP MI SA OT

chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]







TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 5500 Fax: +49 30 6392 5501 info@jpt.com	<ul style="list-style-type: none"> • Peptidebased services for biomedical research • Peptide synthesis • Contract research 	
Tel.: +49 30 6782 3037 Fax: +49 30 6782 4088 info@biotec-analytics.de	<ul style="list-style-type: none"> • Milk analytics • Development and marketing of analytical equipment for diagnosing mastitis in raw milk • Milk fat quantitation • Determination of concentrations in aqueous solutions 	
Tel.: +49 30 6392 3530 florek@isas.de	<ul style="list-style-type: none"> • Development and optimisation of spectroscopic processes, methods, and instruments and their application in material and interface analytics 	
Tel.: +49 30 6392 3530 Fax: +49 30 6392 3544 hinrichs@isas.de		
Tel.: +49 30 6392 3530 Fax: +49 30 6392 3543 esser@isas.de		
Tel.: +49 30 6392 4028 bernhard.luecke@catalysis.de	<ul style="list-style-type: none"> • Research and development of homogeneous and heterogeneous catalysts, their methods and technologies 	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
22	Leibniz-Institut für Kristallzüchtung (IKZ)	Max-Born-Straße 2 12489 Berlin www.ikz-berlin.de	Dr. Torsten Boeck (AFM)
16 20	LLA Instruments GmbH	Justus-von-Liebig-Straße 9/11 12489 Berlin www.lla.de	Dr. Hartmut Lucht (NIR, UV-VIS)
16 18	LTB Lasertechnik Berlin GmbH	Am Studio 2 C 12489 Berlin www.ltb-berlin.de	David Mory (LIBS, LIF, RAMAN)
18	microParticles GmbH	Volmerstraße 9 A 12489 Berlin www.microparticles.de	Dr. Karl-Heinz Lerche (PCS)
14 16 18 20 22 26	Physikalisch-Technische Bundesanstalt (PTB)	Abbestraße 2-12 10587 Berlin „Willy-Wien-Laboratorium“ Magnusstraße 9 12489 Berlin www.ptb.de	Dr. Gerhard Ulm (ESCA, EXAFS, FT-FIR, FT-IR, FT-MIR, Infrared microscopy, Near field microscopy, NEXAFS, RFA, SAXS, UPS, VUV-, EUV-, X-Ray reflectometry, VUV-VIS ellipsometry, XUV-Scatterometry)
12 16 20 28	PiCA Prüfinstitut Chemische Analytik GmbH	Rudower Chaussee 29 12489 Berlin www.pica-berlin.de	Dr. Andreas Mattulat Andy Mechlinski (Emissions measurements, FT-IR, GC-ECD, GC-FID, GC-MS, GC-MS-MS, GC-PND, GC-WLD, GPC, HPLC-DAD, HPLC-FD, HPLC-RI, HPLC-UV, HS-GC-MS, LC-MS, LC-MS-MS, Migration measurements, Pyrolysis GC-MS, TDS-GC-MS, UV-VIS)







TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 3051 boeck@ikz-berlin.de	<ul style="list-style-type: none"> Growing of crystalline materials and development of new crystal substances Preparation, characterisation, and production of defined samples for IT, power electronics, photovoltaics, sensor systems, and optics 	
Tel.: +49 30 6290 7900 lucht@lla.de	<ul style="list-style-type: none"> Manufacturer and provider of imaging spectral analysis instrumentation and multiplexed spectral analytical equipment designed to measure material flows for process and quality control 	
Tel.: +49 30 912 075 100 Fax: +49 30 912 075 199 info@ltb-berlin.de	<ul style="list-style-type: none"> Developer and producer of short pulse lasers over the whole optical spectral range, high resolution spectrometers, and laser based measuring technologies 	
Tel.: +49 30 6392 2565 info@microparticles.de	<ul style="list-style-type: none"> Development, production, surface modification, and characterisation of monodisperse polymer particles on the nano- and micrometre scale 	
Tel.: +49 30 3481 7312 Fax: +49 30 3481 7503 gerhard.ulm@ptb.de	<ul style="list-style-type: none"> Metrology institute with scientific and technical service assignments Department 7: Meteorology and synchrotron radiation Quantitative measurements over an ultra wide spectral range (THz to X ray) with dedicated instrumentation 	
Tel.: +49 30 2556 6000 Fax: +49 30 2556 6001 mail@pica-berlin.de	<ul style="list-style-type: none"> general analytic: product analysis, cosmetics, textiles, indoor analysis, environmental analysis, special analytics (all organic) and research 	

CR SP MI SA OT chromatography [CR], spectroscopy [SP], microscopy [MI], surface/structure analysis [SA], other techniques [OT]

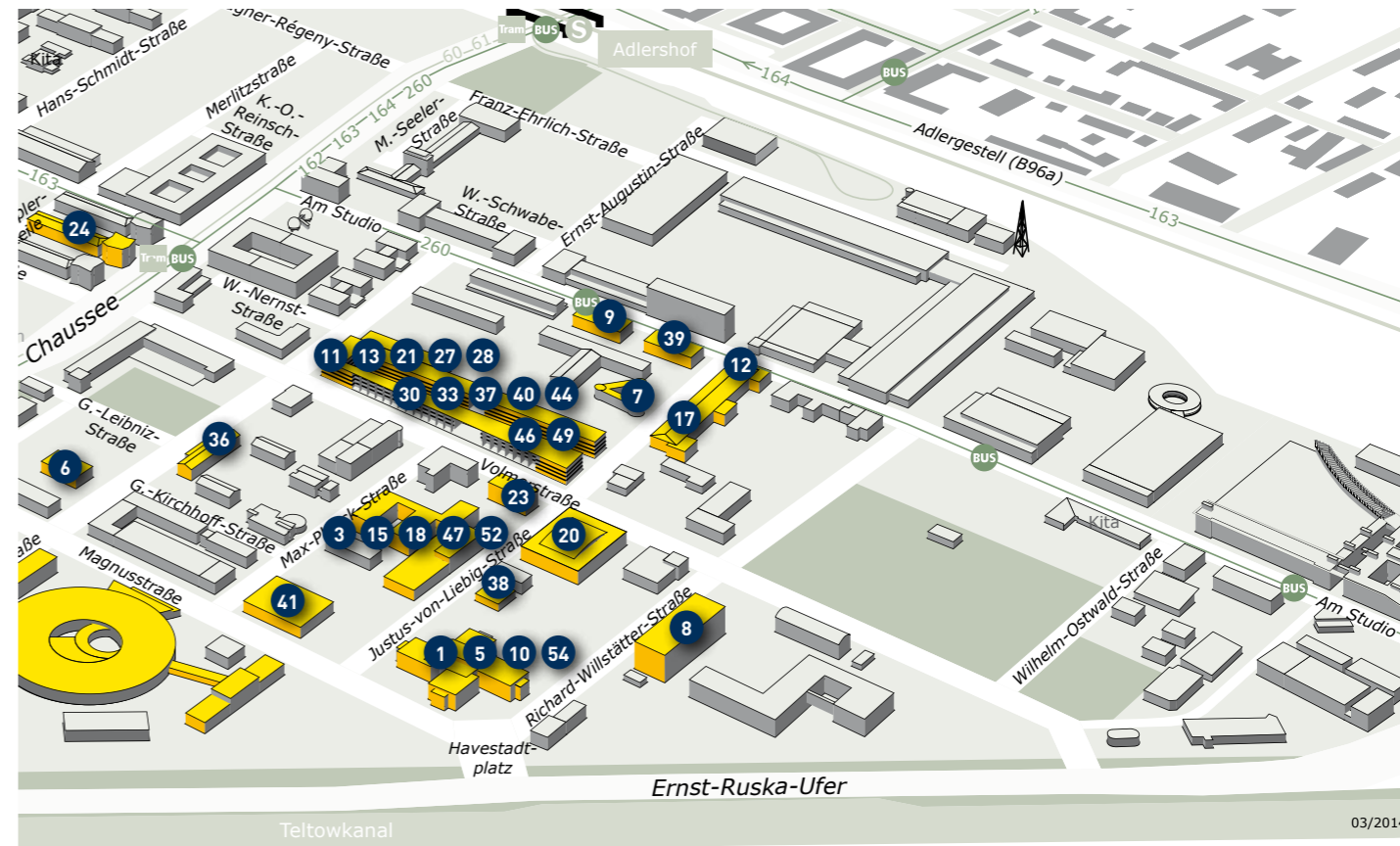
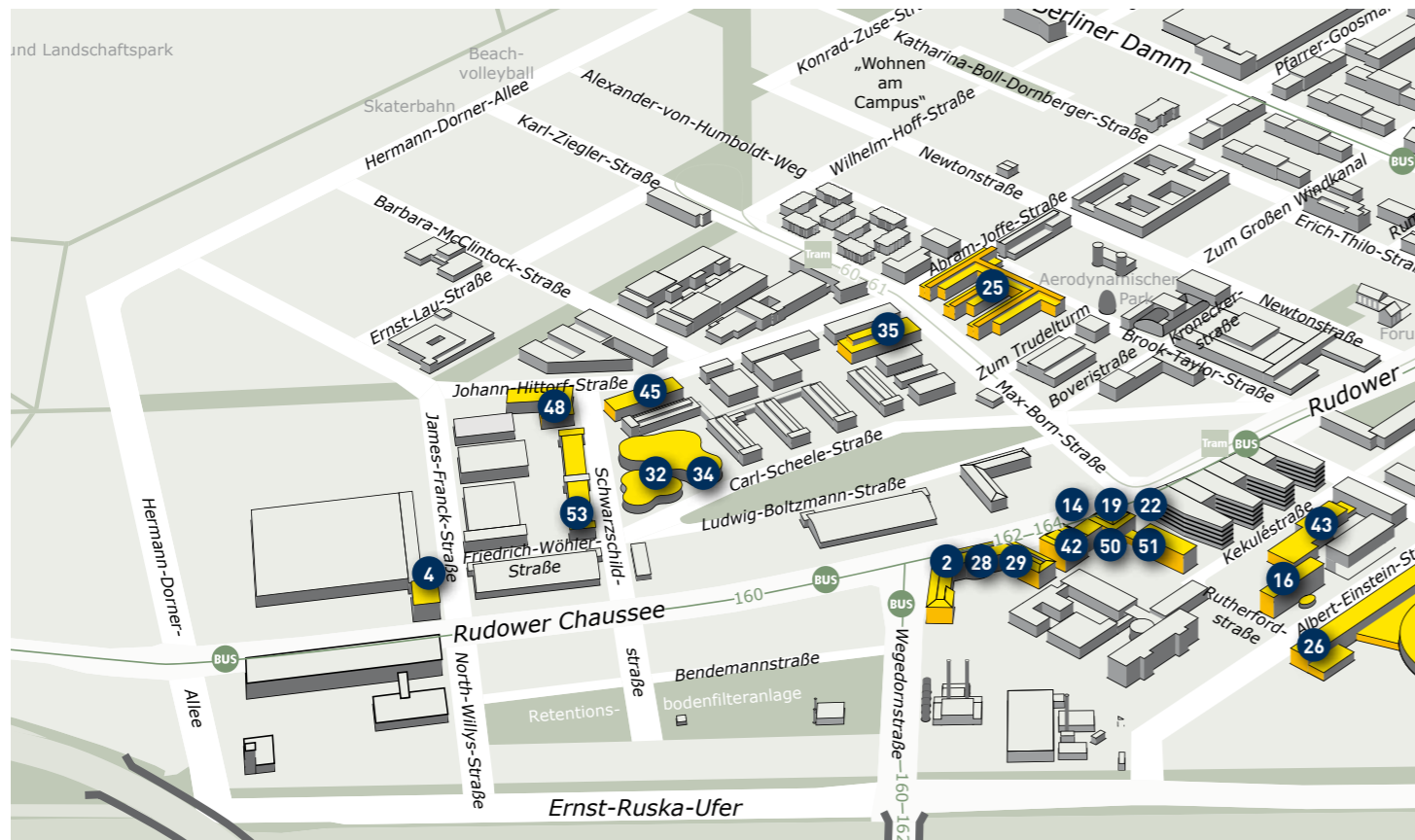
PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
16 22	PicoQuant GmbH	Rudower Chaussee 29 (postal address) Kekuléstraße 7 (visitor address) 12489 Berlin www.picoquant.com	Dr. Andreas Bültner (FCS, FLIM, FRET)
16 28	Privatinstitut Galenus GmbH	Volmerstraße 7 A 12489 Berlin www.galenus.com	Norbert Groth (ESR, RPF)
24	RTG Mikroanalyse GmbH Berlin	Schwarzschildstraße 1 12489 Berlin www.rtg-berlin.de	Dr. Peter Helm (SIMS)
28	SCIENION AG	Volmerstraße 7 B 12489 Berlin www.sciension.com	Katrin Welzel (Lateral-Flow-Assays and Microarrays)
28	SCW Process Technology Development GmbH	Volmerstraße 7 B 12489 Berlin	Dr. Manfred Weber (TG-DTA, TMA)
14 18	Sentech Instruments GmbH	Schwarzschildstraße 2 12489 Berlin www.sentech.de	Dr. Bernd Gruska (DUV-VIS ellipsometry, MIR ellipsometry, NIR ellipsometry, NIR reflectometry, UV-VIS reflectometry)

TELEPHONE, FAX E-MAIL	AREA OF ACTIVITY	
Tel.: +49 30 6392 6929 Fax: +49 30 6392 6561 info@picoquant.com	<ul style="list-style-type: none"> Research and development in the fields of optoelectronics, laser technologies, and sensor systems, specifically for biomedical and analytical applications 	
Tel.: +49 30 6777 5497 Fax: +49 30 6777 5498 info@galenus.com	<ul style="list-style-type: none"> UV protection, verification of free radicals, determination of vitamin F and E activities in cosmetics and medicine 	
Tel.: +49 30 6392 1146 Fax: +49 30 6392 1147 info@rtg-berlin.de	<ul style="list-style-type: none"> Quantitative analyses of contaminants and doping, depth profiles, determination of matrix compositions, mapping of lateral element distributions, 3D microanalyses, error analyses, mass spectra 	
Tel.: +49 30 6392 1700 +49 30 6392 1744 Fax: +49 30 6392 1701 support@sciension.de	<ul style="list-style-type: none"> Assay miniaturisation: ultra low volume liquid handling and microarray production 	
Tel.: +49 30 6392 3223 scwgmbh@aol.com	<ul style="list-style-type: none"> Chemicals industry Air pollution control Environmental protection and Energy technologies 	
Tel.: +49 30 6392 5520 Fax: +49 30 6392 5522 info@sentech.de	<ul style="list-style-type: none"> Development, production, and worldwide marketing of thin film measurement systems (reflectometers, ellipsometers, spectroscopic ellipsometers) and plasma process systems (plasma etchers, plasma deposition systems) 	

PAGE (TECHNIQUES)	ESTABLISHMENT	ADDRESS WEBSITE	CONTACT PERSON AND ASSISTED TECHNIQUES
28	SLM - Speziallabor für Mikrobiologie GmbH	Volmerstraße 7 A 12489 Berlin www.speziallabor.com	Dr. Birgit Fiedler (Microbiological testing)
12 20	SOFIA GmbH Chemisches Labor für Softwareentwicklung und Intelligente Analytik	Rudower Chaussee 29 12489 Berlin www.sofia-gmbh.de	Dr. Helmut Rost Dr. Anna Romanotto (GC-MS, GC-MS-MS, HPLC-FD, HPLC-UV, LC-MS-MS, UV-VIS)
28	Solardynamik GmbH	Rudower Chaussee 29 12489 Berlin www.solardynamik.de	Karl-Friedrich Harter (Durability and mechanical load of polymers)
16 22 24 26	Surflay Nanotec GmbH	Max-Planck-Straße 3 12489 Berlin www.surflay.com	Dr. Lars Dähne (CLSM, Flow cytometry, Fluorescence spectroscopy, Zetasizer)
24	TRIOPTICS Berlin GmbH	Schwarzschildstraße 12 12489 Berlin www.trioptics-berlin.de	Ricarda Kafka (Interferometer)
28	WITEGA Laboratorien Berlin-Adlershof GmbH	Magnusstraße 11 12489 Berlin www.auftragssynthese.com	Dr. Andreas Rolfs (Elemental analysis, KFT)

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Tel.: +49 30 6392 3885 Fax: +49 30 6392 3886 birgit.fiedler@speziallabor.com	<ul style="list-style-type: none"> Microbiological investigations and quality control on medical and pharmaceutical products, foodstuffs, drinking water, and in the construction and environmental fields 	
Tel.: +49 30 6779 8560 Fax: +49 30 6779 8588 sofia@eurofins.de HelmutRost@eurofins.com	<ul style="list-style-type: none"> Analytical chemistry of organic contaminants in food/feed/environment/water samples 	
Tel.: +49 178 4720606 berlin@solardynamik.de	<ul style="list-style-type: none"> Development of solid and dynamic carrier systems of polymer membranes for photovoltaic modules and films 	
Tel.: +49 30 6392 1764 Fax: +49 30 6392 1767 L.Daehne@surflay.com	<ul style="list-style-type: none"> Surface coating for functionalising colloidal and large surface materials 	
Tel.: +49 30 6392 3463 Fax: +49 30 6392 3452 r.kafka@trioptics-berlin.com	<ul style="list-style-type: none"> Instrumentation Interferometry Optical systems 	
Tel.: +49 30 6392 2001 witega@witega.de	<ul style="list-style-type: none"> Laboratory synthesis of organic synthesis components, agents, fine chemicals, and reference substances 	

ADLERSHOF SITE MAP WITH COMPANIES IN THIS BROCHURE



- | | | | |
|---|--|--|---|
| 1 3B Pharmaceuticals GmbH | 8 BAM Bundesanstalt für Materialforschung and -prüfung | 15 COLVISTEC AG | 22 Greateyes GmbH |
| 2 ANAU Berlin-lab GmbH | 9 BESTEC GmbH | 16 Crystal Photonics GmbH | 23 HF Biotec Berlin GmbH |
| 3 ANiMOX GmbH | 10 Biopract GmbH | 17 Dr. Lerche KG | 24 Humboldt-Universität zu Berlin - Geographisches Institut |
| 4 art photonics | 11 BIOWORX Biotechnologielabor -Thomas Grimm- | 18 Dr. Michael Himmelhaus - nanoBioAnalytics | 25 Humboldt-Universität zu Berlin - Institut für Chemie |
| 5 ASCA GmbH Angewandte Synthesechemie Adlershof | 12 Bruker Nano GmbH | 19 Eurofins Umwelt Ost GmbH, Berliner Büro | 26 HZB - Helmholtz-Zentrum Berlin für Materialien and Energie GmbH, Elektronenspeicherring BESSY II |
| 6 Astro- and Feinwerktechnik Adlershof GmbH | 13 Capsulation Pharma AG | 20 FOC GmbH | 27 I.U.T. Institut für Umwelttechnologien GmbH |
| 7 AZBA Analytisches Zentrum Berlin-Adlershof GmbH | 14 Chromicent GmbH | 21 GNF Gesellschaft zur Förderung der naturwissenschaftlich-technischen Forschung e.V. | |

- | | | | |
|--|--|--|--|
| 28 IfG - Institute for Scientific Instruments GmbH | 36 Leibniz-Institut für Analytische Wissenschaften - ISAS - e. V. | 42 PICA - Prüfinstitut Chemische Analytik GmbH | 49 SLM - Speziallabor für angewandte Mikrobiologie GmbH |
| 29 Institut für angewandte Photonik e. V. | 37 Leibniz-Institut für Katalyse e. V. an der Universität Rostock, Berliner Büro | 43 PicoQuant GmbH | 50 SOFIA GmbH Chemisches Labor für Softwareentwicklung and Intelligente Analytik |
| 30 IsoAnalysis UG | 38 LLA Instruments GmbH | 44 Privatinstitut Galenus GmbH | 51 Solardynamik GmbH |
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| 32 JP-ProteQ | 40 microParticles GmbH | 46 SCIENION AG | 53 TRIOPTICS Berlin GmbH |
| 33 JPT Peptide Technologies GmbH | 41 Physikalisch-Technische Bundesanstalt (PTB) | 47 SCW Process Technology Development GmbH | 54 WITEGA Laboratorien Berlin-Adlershof GmbH |
| 34 JTL-BioTec.Analytics | | 48 SENTECH Instruments GmbH | |
| 35 Leibniz-Institut für Kristallzüchtung (IKZ) | | | |

TRAFFIC CONNECTIONS

BY CAR

- Berliner Ring A10
- At Schönefelder Kreuz, merge into the A 113 in direction „Berlin-Schönefeld Airport/BER“
- Exit at „Adlershof“

- Inner city highways A100/A113
- Take inner city highway to Berlin-Schönefeld Airport/BER
- Exit at „Adlershof“

- City centre
- Follow „Bundesstraße 96A“ in direction „Flughafen Berlin-Schönefeld/BER“
- Turn right at the S-Bahn station „Adlershof“ and merge into „Rudower Chaussee“

BY PUBLIC TRANSPORT

- Hauptbahnhof (central railway station)
- Take the S-Bahn S5, S7 or S75 until reaching „Ostkreuz“ station, then take the S8 or S9 until reaching „Adlershof“ station

- Berlin-Schönefeld Airport/BER
- Take the S9 or S45 for 3 stations until reaching the station „Adlershof“
- Bus 163/164 to „Adlershof“

- Tegel Airport
- Bus TXL „Beusselstraße“ railway station
- Take the S-Bahn line S41 to „Greifswalder Straße“, then S85 to „Adlershof“
- Or take the S-Bahn line S41 to „Schönhauser Allee“, then S8 or S9 to „Adlershof“



IMPRINT

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