






























ORDIAMur Team

Photo	Name, Contact details	Assignment & expertise
	Prof. Dr. Wulf Amelung (Uni Bonn) Tel.: +49 (0)228.73-27 80 email: wulf.amelung@uni-bonn.de	
	Gerhard Baab (DLR) Tel.: +49 (0)2225.98087-39 email: gerhard.baab@dlr.rlp.de	
	Alicia Balbín-Suárez (JKI) Tel.: +49 (0)531.299-3831 email: alicia.balbin@julius-kuehn.de	Contribution of the soil microbiome to Apple Replant Disease Microbial community structure and function (qPCR, DNA fingerprint DGGE, 16S rRNA Illumina Miseq amplicon sequencing and Southern blot hybridization)
	Prof. Dr. Ludger Beerhues (Uni BS) Tel.: +49 (0)531.391-5689 email: l.beerues@tu-bs.de	Impact of metabolic processes Root metabolism at the gene, enzyme, and metabolite levels; formation, excretion, and effects of phytoalexins
	Prof. Dr. Wolfgang Bokelmann (HUB) Tel.: +49 (0)30.2093-46332 email: w.bokelmann@agrar.huberlin.de	Socio-Economics (P16)
	Dr. Jens Boy (LUH) Tel.: +49 (0)511 762-3561 email: boy@ifbk.uni-hannover.de	
	Ulrike Cavael (ZALF) Tel.: +49 (0)33432.82-393 email: ulrike.cavael@zalf.de	Ecological economics (PhD student) Resources management and socio-economic analysis
	Katharina Diehl (ZALF) Tel.: +49 (0)33432.82-414 email: diehl@zalf.de personal homepage	Agro-ecological assessment (P2, P14) Impact assessment and socio-economic analysis
	Dr. Joachim Eder (DLR) Tel.: +49 (0)6321.671-357 email: joachim.eder@dlr.rlp.de	Grapevine grafting and viticulture

	Iris Ficht (ZBG) Tel.: +49 (0)511.762-17978 email: ficht@zbg.uni-hannover.de	
	PD Dr. Henryk Flachowsky (JKI) Tel.: +49 (0)351.26162-15 email: henryk.flachowsky@julius-kuehn.de personal homepage	PI, Ordiamur P7 Plant molecular biology, plant-pathogen-interaction, genetic mapping, QTL mapping
	Prof. Dr. Jürgen Grunewaldt (LUH) Tel.: +49 (0)511.762-19288 email: juergen.grunewaldt@genetik.uni-hannover.de	Vice scientific coordinator Genetics of higher plants. Development and use of root stock to overcome replant disease.
	Dr. Gisela Grunewaldt-Stöcker (LUH) Tel.: +49 (0)511.762-3507 email: grunewaldt@ipp.uni-hannover.de	Early detection of ARD symptoms in apple roots microscopic analyses, histology; plant pathology, soil-borne diseases, mycorrhiza, fungal root endophytes
	Prof. Dr. Georg Guggenberger (LUH) Tel.: +49 (0)511.762-2623 email: guggenberger@ifbk.uni-hannover.de personal homepage	Soil biogeochemical processes Plant-microbe-soil interactions Soil organic matter cycling
	Prof. Dr. Johannes Hallmann (JKI) Tel.: +49 (0)251.87106-25 email: johannes.hallmann@julius-kuehn.de	
	Prof. Dr. Magda-Viola Hanke (JKI) Tel.: +49 (0)351.26162-14 email: viola.hanke@julius-kuehn.de	
	Dr. Bernd Hardeweg (ZBG) Tel.: +49 (0)511.762-19209 email: hardeweg@zbg.uni-hannover.de	PI, Ordiamur P15
	Dr. Holger Heuer (JKI) Tel.: +49 (0)531.299-3717 email: holger.heuer@julius-kuehn.de personal homepage	Nematodes (P12) Molecular profiling of nematode and microbe communities; nematode – microbe – plant interaction
	Jörg Hilbers (LWK Nds.) Tel.: +49 (0)4162.6016-102 email: joerg.hilbers@lwk-niedersachsen.de	
	Xorla Kanfra (JKI)	

	Tel.: +49 (0)531.299-3804 email: xorla.kanfra@julius-kuehn.de	
	Lisa Klophaus (DLR Rheinpfalz) Tel.: +49 (0) 2225/9 80 87 28 email: lisa.klophaus@dlr.rlp.de	ORDIAMur Project 6, Subtask 1: Field trial - Vegetative and generative performance of four different apple rootstocks in combination with three different apple varieties planted in apple-replant-soil.
	Dr. Souvik Kusari (TU Do) Tel.: +49 (0)231.755-4086 email: Souvik.Kusari@tu-dortmund.de personal homepage	Root exudates and their interaction with root associated microbes
	Dr. Eva Lehndorff (Uni Bonn) Tel.: +49 (0)228.7321-94 email: eva.lehndorff@uni-bonn.de	PI, Ordiamur P4
	Dr. Peter Lentzsch (ZALF) Tel.: +49 (0)33432.82-270 email: plentzsch@zalf.de personal homepage	Agro-ecologic assessment (P2, P14) Taxon-specific assessment of soil microbiology and soil-plant interaction
	Sonja Lützenkirchen (HBR) Tel.: +49 (0)2241.865-734 email: Sonja.Luetzenkirchen@h-brs.de	
	Felix Mahnkopp (LUH) Tel.: +49 (0)511.762-4017 email: mahnkopp@baum.uni-hannover.de	Bacterial endophytes in different apple rootstock genotypes growing in replant soil and virgin soil
	Prof. Dr. Edgar Maiß (LUH) Tel.: +49 (0)511.762-3635 email: maiss@ipp.uni-hannover.de	PI, Ordiamur P8
	Dr. Rainer Meyhöfer (LUH) Tel.: +49 (0)511.762-3096 email: meyhoefer@ipp.uni-hannover.de personal homepage	PI, Ordiamur P13 Entomology, Biological Control, Soil Mesofauna, Functional Biodiversity, Behavioral Ecology
	Julia Michaelis (LUH) Tel.: +49 (0)511.762-3144 email: michaelis@ipp.uni-hannover.de	Entomology, Soil Mesofauna
	Dr. Stefan Pätzold (Uni Bonn) Tel.: +49 (0)228.73-2775 email: s.paetzold@uni-bonn.de personal homepage	

	<p>Nicole Petzke (HUB) Tel.: +49 (0)30.2093-46341 email: nicole.petzke@hu-berlin.de personal homepage</p>	<p>Assessment of innovative approaches and strategies for coping with ARD value chain analysis, acceptance analysis, surveys, stakeholder-workshops, adoption of innovations</p>
	<p>Carolin Popp (LUH) Tel.: +49 (0)511.762-3884 email: popp@ipp.uni-hannover.de</p>	
	<p>Dr. Viviane Radl (HMGU) Tel.: +49 (0)89.3187-3543 email: viviane.radl@helmholtz-muenchen.de</p>	<p>The role of plant-microbe interactions in apple replant disease Microbial ecologist</p>
	<p>Prof. Dr. Michael Schloter (HMGU) Tel.: +49 (0)89.3187-2304 email: schloter@helmholtz-muenchen.de personal homepage</p>	<p>PI, Ordiamur P11 Analysis of the Structure and Function of Soil Microbiomes</p>
	<p>PD Dr. Michaela Schmitz (HBRS) Tel.: +49 (0)2241-8659615 email: Michaela.Schmitz@h-brs.de</p>	<p>PI, Ordiamur P6 Stress reactions and synthesis of secondary compounds affected by ARD</p>
	<p>Selahaddin Sezgin (TU Do) Tel.: +49 (0)231.755-2155 email: selahaddin.sezgin@tu-dortmund.de personal homepage</p>	<p>Mass spectrometric imaging of organic compounds</p>
	<p>Margaux Therese Simon (Uni Bonn) Tel.: +49 (0)228.73-9368 email: margaux.simon@uni-bonn.de</p>	<p>Root-soil interactions at different spatio-temporal scales Soil science, GIS, nutrient cycle, isotope labeling</p>
	<p>Margaux Therese Simon (Uni Bonn) Tel.: +49 (0)228.73-9368 email: margaux.simon@uni-bonn.de</p>	
	<p>Prof. Dr. Kornelia Smalla (JKI) Tel.: +49 (0)531.299-3814 email: kornelia.smalla@julius-kuehn.de</p>	<p>Soil and plant associated microbiome (P10) microbial ecology</p>
	<p>Prof. Dr. Michael Spiteller (TU Do) Tel.: +49 (0)231.755-4080 email: Michael.Spiteller@tu-dortmund.de personal homepage</p>	<p>Root exudates and their interaction with root associated microbes</p>

	<p>Christopher Straeter (LUH) Tel.: +49 (0)511.762-3153 email: christopher.straeter@ordiamur.de</p>	<p>ORDIAMur research coordinator project management</p>
	<p>Prof. Dr. Doris Vetterlein (UFZ) Tel.: +49 (0)345.558-5415 email: doris.vetterlein@ufz.de</p>	<p>PI, Ordiamur P5</p>
	<p>Dr. Henning von Alten (LUH) Tel.: +49 (0)511.762-3504 email: von-alten@ipp.uni-hannover.de</p>	<p>Wissenschaftler in Ordiamur 8.1 Phytomedizin, Mykorrhiza-Symbiosen</p>
	<p>Prof. Dr. Traud Winkelmann (LUH) Tel.: +49 (0)511.762-3602 email: traud.winkelmann@zier.uni-hannover.de personal homepage</p>	<p>Coordination, P9 Expertise: plant physiology, plant propagation, plant genetics</p>
	<p>Dr. Thomas Wöhner (JKI) Tel.: +49 (0)351.26162-25 email: thomas.woehner@julius-kuehn.de personal homepage</p>	<p>phytopathology, development of screening methods for the evaluation of genetic resources for ARD resistance, functional characterization of resistance and virulence factors between Malus and ARD</p>
	<p>Dr. Andreas Wrede (LKSH) Tel.: +49 (0)4120.7068-151 email: awrede@lksh.de</p>	<p>Creation and maintenance of experimental plots with ADR (CE1) Replant Diseases of all woody genera of <i>Rosacea</i> from growers view and applied experiments for all questions of nurseries</p>
	<p>Ina-Maria Zickenrott (UFZ) Tel.: +49 (0)345.558 5419 email: ina-maria.zickenrott@ufz.de</p>	
	<p>Dr. Sebastian Zühlke (TU Do) Tel.: +49 (0)231.755-4088 email: sebastian.zuehlke@tu-dortmund.de personal homepage</p>	<p>Mass spectrometric analysis and imaging of organic compounds</p>