



Prof. Dr. Frank Ordon

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Biography – Dr. Frank Ordon

Prof. Dr. Frank Ordon is president of the JKI and honorary professor for “Molecular resistance breeding” at the Martin-Luther-University, Halle-Wittenberg, Germany. He studied agricultural science at the Justus Liebig University in Giessen, Germany, where he also got his PhD and state doctorate (Dr. habil.). He is the editor in chief of “Plant Breeding” and is a member of several editorial boards, e.g. “Theoretical and Applied Genetics”, “Journal of Applied Genetics,” and scientific advisory boards. He is chair of the Research Committee of the Wheat Initiative.

Frank has a basic background in classical and molecular plant breeding with special emphasis on breeding for resistance against viral and fungal pathogens in barley and wheat. His primary contribution includes genetic analyses of resistance and the development of molecular markers for major resistance genes and QTL, especially against virus diseases, up to gene isolation. Besides this, he is working on improving tolerance to abiotic stress in several crop species. Frank has published the results of his studies in more than 130 papers in peer reviewed journals.

Presentation title: Genomics based breeding for resistance in cereals – a prerequisite for sustainable plant protection and adaptation to climate change