

3rd Global Summit on

Plant Science

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Caroline Janitz

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"Next-generation sequencing—basics & applications: Tools and technologies"

Thinking about accelerating your research by implementing the next-generation sequencing technology? Having some questions related to your current NGS project? Please join us for 1-hour free consultation session led by the NGS specialist-Caroline has ten years' experience in NGS field with over 300 successfully completed projects. It will be a great opportunity to discuss details of your project including the sample submission guidelines, library preparation and troubleshooting. The NGS session will take place.

Biography

Caroline Janitz is the Manager of the Next-Generation Sequencing Facility at Western Sydney University, Australia. Along with supervising her team, she is responsible for both the development and implementation of technological improvements in the NGS pipeline. She joined Western Sydney University in 2011 after working with the Ramaciotti Centre for Genomics at the UNSW Australia in Sydney, where she established and led the Illumina next-generation sequencing division. At both institutions, she had a leading role in acquisition of the Illumina CSPro (Certified Service Provider) accreditation status. She acquired her PhD in Molecular Genetics from the Freie Universität Berlin, Germany, under the supervision of Prof. Hans Lehrach, the Director of the Max Planck Institute for Molecular Genetics in Berlin. Her PhD thesis focused on an investigation of the molecular mechanism of renal damage in the course of rat hypertension using laser micro dissection and Affymetrix gene expression profiling.

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