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## XXI<sup>th</sup> Cologne Minisymposium on Plant Biology

Tuesday 4<sup>th</sup> of April, 2017

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- 13.00 – 13.45      **Tamara Gigolashvili, University of Cologne**  
“Poison” and “elixir” in the survival of double PAPS/PAP antiporter mutant
- 13.45 – 14.30      **Saskia Hogenhout, John Innes Centre, Norwich, U.K.**  
How single parasite virulence effectors modulate plant development and promote colonization of insect vectors
- 14.30 – 15.00      *Coffee Break*
- 15.00 – 15.45      **Marcel Quint, University of Halle, Germany**  
Hormonal control of thermomorphogenesis
- 15.45-16.30      **Thomas Dresselhaus, University of Regensburg, Germany**  
Fertilization mechanisms and zygotic genome activation in maize
- 16.30 – 17.00      *Coffee Break*
- 17.00 – 17.45      **Stephan Clemens, University of Bayreuth, Germany**  
Micronutrients, toxic metals, and the adaptation to extreme environments
- 17.45 – 18.30      **Helga Schinkel, Fraunhofer-Institut, Aachen, Germany**  
Targeted gene replacement in plant cells mediated by a zinc finger nuclease double-cut strategy
- 19.30                *Dinner in “Hellers Brauhaus”, Roonstraße 33, 50674 Cologne*