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Shedding light on the multiple functions of the geminivirus Replication initiator protein

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List of Publications

Maio, F., Kwaaitaal, M., Arroyo-Mateos, M., Mazur, M.J., Prins, M., and van den Burg, H.A. Replication initiator protein of geminiviruses interacts with SCE1 in nuclear bodies via a conserved SUMO-interacting motif (SIM). Manuscript in preparation.

Maio, F., Arroyo-Mateos, M., Kwaaitaal, M., Prins, M., and van den Burg, H.A. The replication initiator protein (Rep) of TYLCV is redistributed to photobodies and the nucleolar rim in response to blue light. Manuscript in preparation.

Maio, F., Arroyo-Mateos, M., Bobay, B.G., Bejarano, E.R., Prins, M., and van den Burg, H.A. (2019) A lysine residue essential for geminivirus replication also controls nuclear localization of the TYLCV Rep protein. *J Virol* **93**:e01910-18. doi: 10.1128/JVI.01910-18.

Mazur, M.J., Kwaaitaal, M., Arroyo Mateos, M., **Maio, F.**, Ramachandra, K.K., Prins, M., and van den Burg, H.A. (2019) The SUMO conjugation complex self-assembles into nuclear bodies independent of SIZ1 and COP1. *Plant Physiol* **179**(1):168-183. doi: 10.1104/pp.18.00910.

Arroyo-Mateos, M., Sabarit, B., **Maio, F.**, Sánchez-Durán, M.A., Rosas-Díaz, T., Prins, M., Ruiz-Albert, J., Luna, A.P., van den Burg, H.A., and Bejarano, E.R. (2018) Geminivirus Replication Protein Impairs SUMO Conjugation of Proliferating Cellular Nuclear Antigen at Two Acceptor Sites. *J Virol* **92**(18):e00611-18. doi: 10.1128/JVI.00611-18.