Personal details

Name	Samuel Bocobza
Date of birth	14/02/1977
Country of birth	France
Family status	Married, 2 children

Higher Education

1996-2000 **B.Sc** studies at the Faculty of Life Sciences of Tel Aviv University, Tel Aviv.

2000-2002 **M.Sc** studies at the Plant Sciences Department of the Faculty of Life Sciences of Tel Aviv University, Tel Aviv, under the supervision of Prof. Adina Breiman and Prof. Nir Ohad.Thesis title: "Characterization of the Arabidopsis thaliana knockout mutants and over-expressers of members of the FK-506 binding protein gene family".

2006-2010 **PhD** study in the Department of Life Sciences at the Ben Gurion University of the Negev, Beer Sheva, under the supervision of Prof. Michal Shapira and Prof. Asaph Aharoni. Thesis title: "Discovery and Characterization of Riboswitch-Mediated Mechanisms in Plant Metabolic Regulation".

2010-2013 **Post-doctoral fellow** in the Plant Sciences Department at the Weizmann Institute of Science, Rehovot, under the supervision of Prof. Asaph Aharoni. Research in the field of plant riboswitches and chemo-metabolomics.

2013-2017 **Scientific advisor** in the Plant Sciences Department at the Weizmann Institute of Science, Rehovot, at the laboratory of Prof. Asaph Aharoni. Research in the field of plant metabolic engineering and plant functional genomics.

2017-2018 **Post-doctoral fellow** in the Department of Fruit Trees Sciences, Institute of Plant Sciences, ARO, The Volcani Center, at the laboratory of Dr. Moshe Flaishmann. Research in the field of genome editing.

2018-present **Research Scientist** in the Department of ornamental flowers and biotechnology, Institute of Plant Sciences, ARO, The Volcani Center. Research in the field of cell transformation, regeneration, differentiation, and genome editing.

Publications

Dahan-Meir, T., Filler-Hayut, S., Melamed-Bessudo, C., Bocobza, S., Czosnek, H., Aharoni, A., & Levy, A. A. (2018). Efficient in planta gene targeting in tomato using geminiviral replicons and the CRISPR/Cas9 system. *The Plant Journal: For Cell and Molecular Biology*, *95*(1), 5–16.

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Panikashvili, D., Shi, J. X., Bocobza, S., Franke, R. B., Schreiber, L., & Aharoni, A. (2010). The Arabidopsis DSO/ABCG11 transporter affects cutin metabolism in reproductive organs and suberin in roots. *Molecular Plant*, *3*(3), 563–575.

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