

Marco Podobnik

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Australian Regenerative Medicine Institute
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Education

- 2023-present Postdoctoral Research Fellow, Advisor: Prof. Peter Currie
Australian Regenerative Medicine Institute, Monash University, Clayton,
Melbourne, Victoria, Australia
- 2018-2023 Dr. rer. nat., Biology*, Advisor: PD Dr. Uwe Irion**
*University of Tübingen, Germany, **Max Planck Institute for Biology
Tübingen, Germany
- 2016-2018 MSc, Biological Sciences*, Advisor: Prof. Dr. Christiane Nüsslein-Volhard**
*University of Cologne, Germany, **Max Planck Institute for Biology
Tübingen, Germany
- 2012-2016 BSc, Biology, Advisor: Prof. Dr. Sigrun Korsching
Institute of Genetics, University of Cologne, Germany
- 2011-2012 Voluntary Social Year
- 2003-2011 Abitur, High School
Europaschule Gymnasium Heide-Ost, Germany

Publications

Podobnik, M., Singh, A.P., Zu, F., Dooley, C.M., Frohnhöfer, H.G., Firllej, M., Elhabashy, H., Weyand, S., Weir, J.R., Lu, J., Nüsslein-Volhard, C., Irion, U. (2022) Cis-regulatory evolution in the potassium channel gene *kcnj13* during pigment pattern diversification in *Danio* fish. bioRxiv, [<https://doi.org/10.1101/2022.12.05.519077>]

Podobnik, M., Frohnhöfer, H.G., Dooley C.M., Eskova, A., Nüsslein-Volhard, C., and Irion, U. (2020) Evolution of the potassium channel gene *kcnj13* underlies color pattern diversification in *Danio* fish. Nature communications [<https://doi.org/10.1038/s41467-020-20021-6>]

Arndt, H., Ahlers, J., Amano, C., Augustin, N., Dangl, G., Feuling, Y., Herrero, T., Hohlfeld, M., Jeuck, A., Marx, M., Mähner, B., Meißner, R., Meyer, C., **Podobnik, M.**, Palgan, D., Paulmann, C., Prausse, D., Romankiewicz, T., Schade, M., Scherwaß, A., Schiwitza, S., Schoenle, A., Schuffen-

hauer, I., Sintes, E., Stefanschitz, J., Werner, J., Wildermuth, B., Zivaljić, S. (2017) DEEP MICROBES - Deep-sea Microbial Food Webs of the Atlantic and Caribbean, BRIGHT FLOWS - Investigation of Young Non-hotspot and Non-MOR-related Volcanism on 20 Ma Crust South of Kane Fracture Zone, Cruise No. M139, July 7 - August 8, 2017, Cristóbal (Panamá) - Mindelo (Cabo Verde). METEOR-Berichte, M139, 1-90 [https://doi.org/10.2312/cr_m139]

Posters and Talks -----

- 2022 **Ringberg Symposium**. Kreuth, Germany.
- 2021 **EMBO Workshop: Predicting Evolution**. EMBL, Heidelberg, Germany. Online.
- 2020 **European Zebrafish Meeting**. Prague, Czech Republic. Online.
- 2020 **Developmental Biology 11th Edition**. Institute Curie, Paris, France. Online.
- 2018 **German Society for Developmental Biology (GfE) School**. Günzburg, Germany.

Service and Outreach -----

- 2022 **Organizer** of the Annual PhD Retreat, Tübingen, Germany.
- 2021 **Organizer** of the Annual PhD Retreat, Tübingen, Germany. Online.
- 2020-2022 **PhD Student Representative**, Max Planck Institute for Biology and Friedrich Miescher Laboratory of the Max Planck Society, Tübingen, Germany.
- 2020 **Organizer** of the Annual PhD Retreat, Tübingen, Germany. Online.
- 2020 **Organizer** in the Distinguished Speaker Seminar Series (former MiKo) at the Max Planck Institute for Biology, Tübingen, Germany.
- 2018 **Science Slam** during the Max-Planck-Tag, Max Planck Institute for Biology and Friedrich Miescher Laboratory of the Max Planck Society, Tübingen, Germany.

Expeditions -----

- 2017 **R/V Meteor M139**. "Deep Microbes and Bright Flows". Cristóbal (Panamá) – Mindelo (Cabo Verde). Advisor: Prof. Dr. Hartmut Ernst-Albert Arndt, University of Cologne, Germany
- 2017 **CRC-1211**. "Earth – Evolution at the Dry Limit". Atacama Desert, Chile. Advisor: Prof. Dr. Hartmut Ernst-Albert Arndt, University of Cologne, Germany

Tübingen, 15.02.2023