

Curriculum Vitae Lukas Lechner

Personal Details

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Date of Birth 2.7.1987

Work Experience

since 2021 Scientific Assistant at Wissenschaftliche Leitung Fachhochschule
Gesundheit (fhg) – Zentrum für Gesundheitsberufe Tirol GmbH
2020-2021 Technical Assistant at ADSI – Austrian Drug Screening Institute
2019-2020 Ropeway operative at Muttereralp Bergbahnen Errichtungs GmbH

Academic Education

2016-2019 Master Studies Molecular Cell and Developmental Biology at Leopold
Franzens Universität Innsbruck; Graduation, 6.9.2019
2013-2016 Biomedical Analysis at fhg - Zentrum für Gesundheitsberufe Tirol
GmbH; Graduation, 13.7.2016
2006-2013 Chemistry Studies at Leopold Franzens Universität Innsbruck (no graduation)
1997-2005 Akademisches Gymnasium Innsbruck, Matura 2005
1993-1997 Volksschule Hötting

Publications

1. Schiefermeier-Mach, N.; Heinrich, L.; Lechner, L.; Perkhofer, S. Regulation of Surfactant Protein Gene Expression by *Aspergillus fumigatus* in NCI-H441 Cells. In *Microorganisms* **2023**, *11*, 1011. DOI: <https://doi.org/10.3390/microorganisms11041011>
2. Aimananda, Vishukumar; Wong, Sarah Sze Wah; Delliere, Sarah; Schiefermeier-Mach, Natalia; Lechner, Lukas; Perkhofer, Susanne et al. (2022): S8.3c Cell wall glycans as targets for the development of new antifungals. In *Medical Mycology* 60 (Supplement_1). DOI: 10.1093/mmy/myac072.S8.3c.
3. Wong, Sarah Sze Wah; Dellière, Sarah; Schiefermeier-Mach, Natalia; Lechner, Lukas; Perkhofer, Susanne; Bomme, Perrine et al. (2022): Surfactant protein D inhibits growth, alters cell surface polysaccharide exposure and immune activation potential of *Aspergillus fumigatus*. In *The Cell Surface* 8 (29), p. 100072. DOI: 10.1016/j.tcsw.2022.100072.
4. Schiefermeier-Mach, Natalia; Moresco, Violetta; Geley, Stephan; Heinrich, Lea; Lechner, Lukas; Oberhauser, Heidi; Perkhofer, Susanne (2021): Evaluation of Stable LifeAct-mRuby2-and LAMP1-NeonGreen Expressing A549 Cell Lines for Investigation of *Aspergillus fumigatus* Interaction with Pulmonary Cells. In *IJMS* 22 (11), p. 5965. DOI: 10.3390/ijms22115965.
5. Bauer, I., Lechner, L., Pidroni, A., Petrone, A., Merschak, P., Lindner, H., Kremser, L., Graessle, S., Golderer, G., Allipour, S. and Brosch, G. (2019). Type I and II PRMTs regulate catabolic as well as detoxifying processes in *Aspergillus nidulans*. *Fungal Genet and Biol.* *129*, 86-100. doi: 10.1016/j.fgb.2019.05.006