

# Stanford

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## Marta Walczak

Postdoctoral Research Fellow, Biochemistry

### Bio

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#### PROFESSIONAL EDUCATION

- Master of Science, Technical University Of Lodz (2009)
- Doctor of Philosophy, Universitat Wien (2014)

#### STANFORD ADVISORS

- Ellen Yeh, Postdoctoral Faculty Sponsor

### Publications

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#### PUBLICATIONS

- **A mutagenesis screen for essential plastid biogenesis genes in human malaria parasites.** *PLoS biology*  
Tang, Y., Meister, T. R., Walczak, M., Pulkoski-Gross, M. J., Hari, S. B., Sauer, R. T., Amberg-Johnson, K., Yeh, E.  
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- **A mutagenesis screen for essential plastid biogenesis genes in human malaria parasites** *PLOS BIOLOGY*  
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- **ATG8 Is Essential Specifically for an Autophagy-Independent Function in Apicoplast Biogenesis in Blood-Stage Malaria Parasites.** *mBio*  
Walczak, M., Ganesan, S. M., Niles, J. C., Yeh, E.  
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- **Association of condensin with chromosomes depends on DNA binding by its HEAT-repeat subunits.** *Nature structural & molecular biology*  
Piazza, I. n., Rutkowska, A. n., Ori, A. n., Walczak, M. n., Metz, J. n., Pelechano, V. n., Beck, M. n., Haering, C. H.  
2014; 21 (6): 560–68
- **Dissecting the role of the Atg12-Atg5-Atg16 complex during autophagosome formation.** *Autophagy*  
Walczak, M. n., Martens, S. n.  
2013; 9 (3): 424–25
- **Mechanism and functions of membrane binding by the Atg5-Atg12/Atg16 complex during autophagosome formation** *EMBO JOURNAL*  
Romanov, J., Walczak, M., Ibiricu, I., Schuechner, S., Ogris, E., Kraft, C., Martens, S.  
2012; 31 (22): 4304–17