

# Realistic Resumes: Grants

Co-Chairs: Stefania Forner  
Eduardo Zimmer

Panelists: Jose Abisambra  
Clare Howarth

## Current Funding

- 2021-2024 **Sheffield Neuroscience Institute PhD Studentship award.** R. Mead (Primary supervisor), M. Livesey, J. Berwick, **C. Howarth**, J. Stephenson.
- 2021-2024 **Sheffield Neuroscience Institute PhD Studentship award.** J. Berwick (Primary supervisor), I. Minev, **C. Howarth**.
- 2021-2024 **MRC DiMeN DTP PhD Studentship award.** **C. Howarth** (Primary supervisor), S. Francis, J. Berwick.
- 2020-2023 **British Heart Foundation Project grant.** S. Francis (PI), J. Berwick, **C. Howarth**, S. Allan, E. Pinteaux.
- 2019-2023 **Battelle-Dr Jeff Wadsworth PhD Studentship.** J. Berwick, **C. Howarth** (Joint PIs), A. Vazquez (Pittsburgh, Co-I).
- 2015-2022 **Wellcome Trust/Royal Society Sir Henry Dale Fellowship.** **C. Howarth** (PI).

## Previous Funding

- 2016-2019 **NC3Rs Project Grant.** **C. Howarth** (PI), T Chico, V Cunliffe, R Wilkinson, O Bandmann.
- 2016-2019 **The University of Sheffield - Interdisciplinary Scholarships.** Co-Is: C. Martin, T. Chico, C. Howarth, S. Wharton, P. Heath, J. Berwick, S. Francis, N. Hoggard, I. Wilkinson, A. Kennerley.
- 2013-2018 **The University of Sheffield: Vice Chancellor's Advanced Fellowship**
- 2012-2013 **Fulford Non-Stipendiary Junior Research Fellowship**, Somerville College, Oxford University
- 2011-2012 **Michael Smith Foundation for Health Research Postdoctoral Fellowship**, Canada
- 2011-2012 **Government of Canada Commonwealth Postdoctoral Fellowship**
- 2008-2013 **Wellcome Trust: Sir Henry Wellcome Postdoctoral Fellowship**

### **Current Funding**

- 2021-2026 **NIH/NIA R01 (PI). The molecular intersection of tau, TBI, and PERK**
- 2021-2023 **Rotary Clubs of America. Coins for Alzheimer's Research Trust (PI).** Tau-ribosome interactions are a fundamental pathogenic event in Alzheimer's disease and related tauopathies.
- 2021-2023 **Alzheimer's Association (PI).** Establishing the role of PERK activation on the progression of tauopathy
- 2021-2023 **Brightfocus (PI).** Twisting tau aggregates by proline isomerization
- 2020-2024 **NIH/NIA (Co-I) UF PASS: Regulation of exercise transducers**
- 2019-2024 **NIH/NINDS R33 (mPI).** Developing new conditional models to study tauopathy, amyloidosis, and their interaction
- 2020-2022 **NIH/NIA P50 (Co-I) Pilot Project: Disruption of neuronal cilia by pathological tau**

### **Research Support Pending**

- 2021-2026 **NIH R01 (PI). Contributions of tau-mediated translational dysregulation to pathogenesis and progression of fronto-temporal dementia**
- 2022-2017 **NIH R25 (co-PI) Networking and Expanding Undergraduate Research on the Neurobiology of Aging to Advance Diversity**

### **Relinquished**

- 2020-2024 **VA I01 (PI).** Identification of the molecular mechanisms linking Alzheimer's disease, PERK, and mild repetitive head injury

## Completed Research Support

- 2015-2021** **NIH/NINDS R01 (PI) PERK as a central mediator of neurotoxicity in tauopathies**
- 2019-2021 **NIH/NINDS R56** (PI) Tau-mediated regulation of ribosomes in health and disease
- 2019-2021 **NIH/NIA R56** (PI) Exosomes from adipose-derived stem cells modulate age-dependent progression of tauopathies
- 2018-2021 **NIH/NINDS R21** (mPI) Elucidating the pathological consequences of tau-ribosome interactions
- 2015-2019 **Department of Defense** (PI) The impact of PERK on post-traumatic tauopathy in Alzheimer disease
- 2014-2021 **NIH L32** (PI) Tau as a biomarker for traumatic brain injured patients
- 2017-2019 **American Heart Association Sub-Contract** (co-I) Myocardial tauopathy: a new pathogenesis and treatment for heart disease
- 2014-2019 **NIH/NIAMS R01** (supplement) (co-I) Molecular clock and skeletal muscle weakness
- 2015-2017 **GlaxoSmithKline Contract** (PI) PERK inhibition as a therapeutic strategy for Alzheimer disease
- 2015-2017 **NIH/NIGMS UK-COBRE P30** (PI) Pilot Project: PERK inhibition for traumatic brain injury therapeutics
- 2016-2018 **GlaxoSmithKline Contract**. Tau reduction in rTg4510 mice in an acute GSK2606414/new compound treatment paradigm
- 2015-2017 **Alzheimer's Association** (PI) The impact of the tau-rpS6 association in the pathogenesis of Alzheimer disease
- 2012-2014 **Alzheimer's Association** (PI) Mechanisms of tau and ER stress for novel Alzheimer's disease therapeutics
- 2012-2013 **CurePSP** (co-PI) Mechanisms of tau and ER stress for novel PSP and CBD therapeutics