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UNIVERSITY OF LEEDS

18th February 2026

To whom it may concern

Dr L T. Zuniga-Burgos

Dr Zuniga Burgos undertook her PhD at the University of Leeds between 1st September 2019 and 31 December 2023. This was part of an interdisciplinary project looking at the use of microalgae to recover nutrients from wastewater. Her lead supervisor was based in Civil Engineering and I was her co-supervisor but she spent a substantial portion of her time in my laboratory carrying out practical work.

Main duties and responsibilities

- Standardisation of methods for analysis of developed transgenic *Chlamydomonas* strains
- Experimental characterisation of PSR1 overexpression strains (growth, nutrient removal, polyphosphate accumulation, transgene expression, etc.)
- Contribution to project outputs (report and two manuscripts for publication)
- Active participation in academic activities organised by the HyPALgae group (seminars, meetings, project discussions, grant proposals, etc.).

Additionally, she provided practical support and day to day supervision of an MSc student project (04/2021-10/2021) entitled “*Assessing the viability of Chlamydomonas reinhardtii as a slow release biofertilizer.*”

She performed all these tasks very conscientiously and with a high level of skill and attention to detail.

Yours Sincerely



Alison Baker
Professor of Plant Cell and Molecular Biology
University of Leeds