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Deciphering the complex paramagnetic NMR spectra of small laccase

Dasgupta, R.

Citation

Dasgupta, R. (2021, June 15). *Deciphering the complex paramagnetic NMR spectra of small laccase*. Retrieved from <https://hdl.handle.net/1887/3188356>

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Author: Dasgputa, R.

Title: Deciphering the complex paramagnetic NMR spectra of small laccase

Issue Date: 2021-06-15

Rubin Dasgupta

Deciphering the complex paramagnetic NMR spectra of small laccase

Ph.D. thesis, Leiden University, Leiden, The Netherlands

ISBN/EAN: 978-94-92597-75-5

Printed by PRINTSUPPORT4U || www.printsupport4u.nl

Cover design by Rubin Dasgupta

This research was financed by Leiden University and Netherlands' Magnetic Resonance Research School (NWO-BOO 022.005.029). The use of the uNMR-NL ultrahigh-field nuclear magnetic resonance facility was sponsored by the national roadmap for the large-scale NMR facility in the Netherlands (NWO grant number: 184-032-207).

Deciphering the complex paramagnetic NMR spectra of small laccase

Proefschrift

ter verkrijging van
de graad van doctor aan de Universiteit Leiden,
op gezag van rector magnificus prof.dr.ir. H. Bijl,
volgens besluit van het college voor promoties
te verdedigen op dinsdag 15 juni 2021
klokke 13:45 uur

door

Rubin Dasgupta

geboren te Kolkata, India
in 1992

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For everything good in the world

सर्वे भवन्तु सुखिनः

Table of Contents

List of abbreviations.....	1
1. Introduction.....	2
1.1 General Introduction.....	3
1.2 The multicopper oxidase: Laccase.....	7
1.3 Paramagnetic nuclear magnetic resonance.....	13
1.4 Aim and Scope.....	21
1.5 References.....	22
2. Chemical exchange at the tri-nuclear copper center of small laccase from <i>Streptomyces coelicolor</i>	28
2.1 Introduction.....	29
2.2 Results and Discussion.....	30
2.3 Conclusion.....	37
2.4 Supporting Information.....	38
2.5 References.....	50
3. Towards resolving the complex paramagnetic NMR spectrum of small laccase: Assignment of resonances to residue specific nuclei....	54
3.1 Introduction.....	55
3.2 Results and Discussion.....	57
3.3 Conclusion.....	65
3.4 Supporting Information.....	66
3.5 References.....	73
4. The resting oxidized state of small laccase analyzed with paramagnetic NMR spectroscopy.....	76
4.1 Introduction.....	77

4.2 Results and Discussion.....	79
4.3 Conclusion.....	88
4.4 Supporting Information.....	89
4.5 References.....	97
5. Electronic structure of the tri-nuclear copper center in the resting oxidized state for small laccase.....	100
5.1 Introduction.....	101
5.2 Results and Discussion.....	101
5.3 Conclusion.....	102
5.4 Supporting Information.....	105
5.5 References.....	106
6. Dipolar dephasing for structure determination in a strongly paramagnetic environment.....	108
6.1 Introduction.....	109
6.2 Results and Discussion.....	111
6.3 Conclusion.....	116
6.4 Supporting Information.....	117
6.5 References.....	124
7. General Discussion and Prospects.....	128
Summary.....	138
Samenvatting.....	140
Curriculum vitae.....	142
List of Publications.....	143

List of abbreviations

BMRB	Biological magnetic resonance bank
BS	Broken symmetry
DFT	Density functional theory
EBC	Enzymatic biofuel cell
EPR	Electron paramagnetic resonance
EXSY	Exchange spectroscopy
FCS	Fermi contact shift
FR	Fully reduced
FWHM	Full width at half of the maximum
HMQC	Heteronuclear multiple quantum coherence
HS	High spin
INEPT	Insensitive nuclei enhancement by polarization transfer
MAS	Magic angle spinning
MCD	Magnetic circular dichroism
MHz	Megahertz
NI	Native intermediate
NMR	Nuclear magnetic resonance
NOESY	Nuclear Overhauser effect spectroscopy
PCS	Pseudo-contact shift
PI	Peroxide intermediate
REDOR	Rotational echo double resonance
RF	Radiofrequency
RO	Resting oxidized
SHAP	Short high-power adiabatic pulse
SLAC	Small laccase
ssNMR	Solid-state NMR
T1	Type-1 copper site
T2	Type-2 copper site
T3	Type-3 copper site
TEDOR	Transferred-echo double resonance
TNC	Tri-nuclear copper center
WEFT	Water eliminated Fourier transform
wt	Wild type