

In vitro Micropropagation and RAPD of *Cissus quadrangularis* L.

As in today's world people are moving towards traditional medicinal system for every ailment rather than modern medicinal system. The reason behind this is minimum side effects of traditional medicinal system and its availability.

Cissus quadrangularis is one of a very important medicinal plant which is used in many diseases like in High bp, sugar, obesity and mainly healing up of fractured bone. Number of health products are also contain *Cissus* extract.

In this study we discuss the phytochemical analysis of *Cissus* and its culture in lab. We also compare the genetic diversity in the plants of same species.

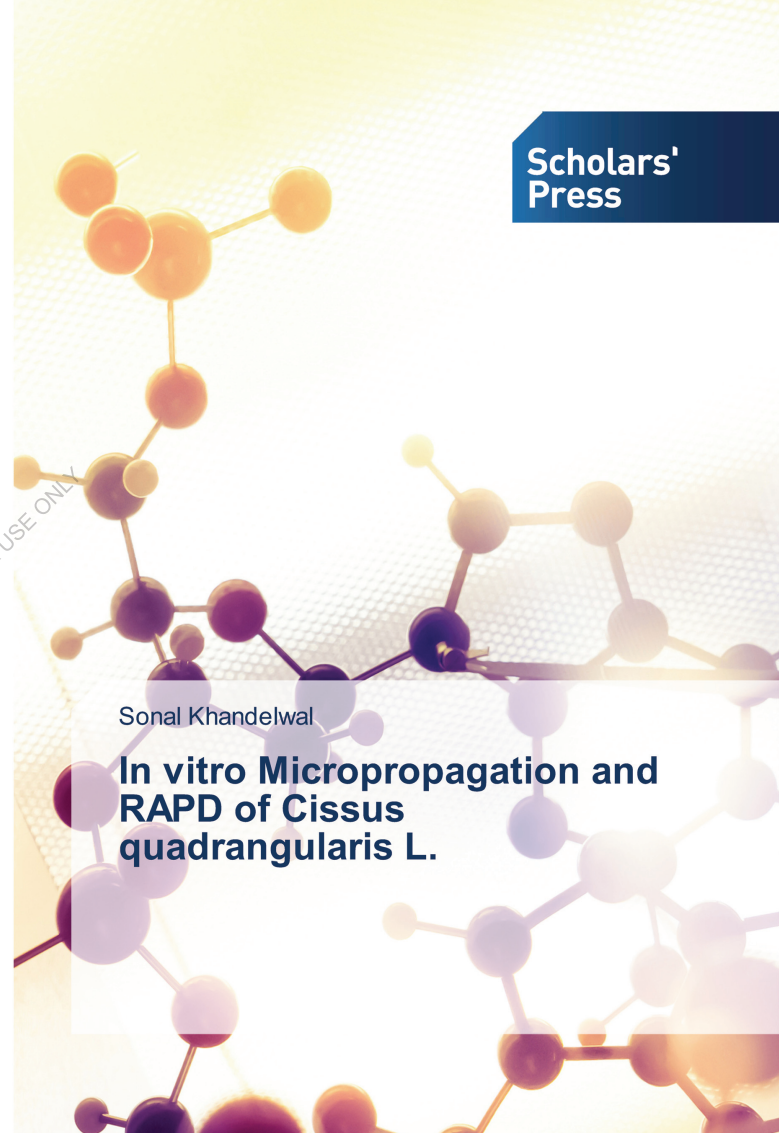
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Cover image: www.ingimage.com

Publisher:

Scholars' Press

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Dodo Books Indian Ocean Ltd., member of the OmniScriptum S.R.L
Publishing group

str. A.Russo 15, of. 61, Chisinau-2068, Republic of Moldova Europe

Printed at: see last page

ISBN: 978-620-2-30774-1

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Acknowledgments

I am deeply privileged to evince a word of thanks to everyone who played a positive role in the completion of my research work. I thank the almighty whose blessings have empowered and enabled me to accomplish my work successfully.

I feel short of words to express my deep sense of gratitude and indebtedness to **Dr. Vijaya Koche**, Professor, SoS in Life science, for her scholarly guidance, endless patience and splendid supervision to complete the research work successfully. It was her affectionate attitude, judicious assistance & guidance which made me familiar with various tissue culture techniques and to work on this topic. Because of her health issues she was not been able to guide me in end of my work.


I owe my special thanks to my Guide **Dr. Amia Ekka**, Associate Professor, SoS in Life Science, for her unreserved help, concern and an active participation at every stage of my work. Without her constant encouragement, constructive criticism, painstaking efforts and meticulous scrutiny, this work would not have been taken the present shape. I am highly obliged to her for all the help, with deep insight into the problem, improving the quality of work and for cordial atmosphere in which she guided me throughout the period of work

I am deeply indebted to **Dr. S.K. Prasad**, Head, SoS in life sciences, for providing necessary infrastructure and resources to accomplish my research work. I am highly thankful to all the faculty and staff members of the SoS in life sciences for providing me all the facilities and help required for the completion of this work. I wish to be very thankful to my friends for help, support and making the moments spent here memorable.

I would like to show my gratitude to **Dr. Anand S**, Head R & D, Skandha Life Sciences Private Limited, Nagarabhavi, Bangaluru, for giving me permission for the analysis of samples for Biochemical work.

I also offer my heartfelt thanks to staff of Aditya Biotech, Raipur, for providing me laboratory facilities for molecular work.

The heavenly grace of Almighty has defined and given meaning to my existence. My heart brims with gratitude for my parents, husband and whole family for their perpetual blessings, inspiration, love and emotional support.


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Abbreviations

2, 4-D	=	2, 4-dichloro phenoxy acetic acid
ANOVA	=	Analysis of Variance
BAP	=	Benzylaminopurine
Cm	=	centimeter
CTAB	=	Cetyltrimethylammonium bromide
DNA	=	Deoxyribo nucleic acid
dNTP	=	deoxynucleotide triphosphate
EDTA	=	Ethylene Diamine Tetra Acetic Acid
EtBr	=	Ethidium bromide
g	=	gram
HPLC	=	High Performance Liquid
IAA	=	Indole 3- Acetic acid
IBA	=	Indole 3-butyric acid
Kn	=	Kinetin
Mg	=	Miligram
mg	=	Milligram
mM	=	Millimolar
MS	=	Murashige and Skoog's medium
NAA	=	Naphthalene Acetic acid
Nacl	=	sodium chloride
°C	=	Degree Celsius
PCR	=	Polymerase chain reaction
PGR	=	Plant growth regulator
PVP	=	Polyvvinylepyrolidone
RAPD	=	Random Amplified Polymorphic DNA
W	=	Watt
Zn	=	Zeatin
μM	=	Micromolar

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