

# Contents

List of contributors .....	VII
<i>Walter E. Müller</i> Introduction and historical outline .....	1
<i>Kurt Hostettmann and Jean-Luc Wolfender</i> Phytochemistry .....	5
<i>Marco Gobbi and Tiziana Mennini</i> St. John's Wort and its active principles in depression and anxiety – A critical analysis of receptor binding studies .....	21
<i>Kristina Treiber and Walter E. Müller</i> Effects on transmitter uptake and their cellular and molecular basis ..	31
<i>Jan Kehr, Sven Ove Ögren and Takashi Yoshitake</i> Modulation of neurotransmitter release and metabolism .....	47
<i>Carla Gambarana and Daniela Giachetti</i> Efficacy in behavioural models of antidepressant activity .....	59
<i>Michael Nöldner</i> Comparative preclinical antidepressant activity of isolated constituents .....	73
<i>Shyam S. Chatterjee</i> Hyperforin and efficacy in animal models for anxiety and cognition ..	85
<i>Mario Wurglics and Manfred Schubert-Zsilavecz</i> Pharmacokinetics and biopharmaceuticals .....	99
<i>Siegfried Kasper</i> Clinical efficacy in depression .....	123
<i>Hans-Peter Volz</i> Clinical efficacy of St. John's Wort in psychiatric disorders other than depression .....	133

<i>Volker Schulz and Andreas Johne</i>	
Side effects and drug interactions .....	145
<i>Michael Franklin</i>	
Endocrinology of St. John's Wort extract .....	161
Index .....	183