

1. Record Nr.	UNINA9910798064203321
Titolo	The neuroscience of pain, stress, and emotion : psychological and clinical implications // edited by Mustafa Al'Absi, Magne Arve Flaten ; designer, Mark Rogers ; contributors, Mustafa Al'Absi [and twenty-four others]
Pubbl/distr/stampa	Amsterdam, [Netherlands] : , : Elsevier, , 2016 ©2016
ISBN	0-12-800666-8
Descrizione fisica	1 online resource (312 p.)
Classificazione	77.50
Disciplina	612.8
Soggetti	Neurosciences Stress (Physiology) Stress, Psychological
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Front Cover; The Neuroscience of Pain, Stress, and Emotion; Copyright; CONTENTS; CONTRIBUTORS; FOREWORD; 1 - Introduction and Background on Pain and Stress; 1 - Neuroscience of Pain and Emotion; NEUROANATOMY OF PAIN AND EMOTION; Nociceptive Pathways; Central Representation of Pain; Emotional Networks in the Brain; PAIN AND EMOTION INTERACTIONS; Emotional Modulation of Pain; Visual Emotional Stimuli and Pain Processing; Emotional Faces and Pain Processing; Influence of Pain on Emotion; Neural Bases of Pain-Emotion Interactions; CONCLUSIONS; REFERENCES; 2 - The Neurobiology of Stress THE STRESS CONCEPT THE STRESS STIMULUS; THE STRESS RESPONSE; SNS and the SAM Axis; The HPA Response; STRESS RESPONSE INTERACTIONS WITH OTHER SYSTEMS; Immune System; Reproduction; Growth Hormone; Pain; TERMINATION OF THE STRESS RESPONSE; INDIVIDUAL VARIATION IN THE STRESS RESPONSE; THE STRESS RESPONSE AND AFFECTIVE DISORDERS; CONCLUSIONS; REFERENCES; 3 - Emotional Modulation of Pain; A BRIEF INTRODUCTION TO SOME TERMS; PAIN AND EMOTION WITHIN A MOTIVATIONAL CONTEXT;

EMOTIONAL MODULATION OF PAIN IN HEALTHY HUMANS

Observation 1: Positive Emotions Generally Inhibit Pain, Whereas Negative Emotions Generally Enhance Pain
Pain-Related Emotions; Pain-Unrelated Emotions; Observation 2: Degree of Motivation System Activation Affects the Degree of Pain Inhibition/Facilitation;

Observation 3: Emotional Stimuli that Elicit Simultaneous (and Equal) Defensive and Appetitive Activation Have No Net Effect ...; Observation

4: Emotions Modulate All Pain-Related (Defensive) Outcomes in Parallel; INTENSE NEGATIVE EMOTIONS INHIBIT PAIN: A REVISION TO MPT;

EMOTIONAL MODULATION OF PAIN IN CLINICAL POPULATIONS

SUMMARY AND IMPLICATIONS
ACKNOWLEDGMENTS; REFERENCES; 4 -

Sex Differences in Pain and Stress; INTRODUCTION; SEX DIFFERENCES

IN CLINICAL PAIN; SEX DIFFERENCES IN EXPERIMENTAL PAIN RESPONSES;

STRESS AND PAIN: AN INTRODUCTION; RELATIONSHIP BETWEEN STRESS

AND PAIN; SEX DIFFERENCES IN NEUROENDOCRINE RESPONSES TO

STRESS; THE RELATIONSHIP OF STRESS TO CHRONIC PAIN PREVALENCE

IN WOMEN; SEX DIFFERENCES IN SIA; MECHANISMS UNDERLYING SEX

DIFFERENCES IN PAIN; CONCLUSIONS; REFERENCES; 2 - Psychological

Processes Related to Pain and Stress; 5 - Pain and the Placebo Effect;

INTRODUCTION; EXPECTATIONS

PLACEBO ANALGESIA
THE NEUROBIOLOGICAL BASIS OF PLACEBO

ANALGESIA; SOCIAL FACTORS AND PLACEBO MODULATION OF PAIN;

ONE OR MULTIPLE PLACEBO EFFECTS?; EMOTIONAL VALENCE AND

AROUSAL MODULATE PAIN; THE ROLE OF EMOTIONS IN PLACEBO

RESPONDING; INDIVIDUAL DIFFERENCES IN PLACEBO ANALGESIC

RESPONSES; IMPLICATIONS FOR TREATMENT OF PAIN; CONCLUSIONS;

REFERENCES; 6 - Nocebo and Pain; INTRODUCTION; NEGATIVE

EXPECTATIONS MAY LEAD TO CLINICAL WORSENING;

CHOLECYSTOKININ IS A MEDIATOR OF NOCEBO HYPERALGESIA;

IMAGING THE BRAIN DURING NEGATIVE EXPECTATIONS; CONCLUSIONS;

REFERENCES

7 - The Neuroscience of Pain and Fear
