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Nota di contenuto	Pt. I. Overview -- 1. Summary chapter. The endocrine basis of geriatric psychiatry: an integrative approach / John E. Morley -- 2. Overview of steroids in the aging brain / Loretta M. Flanagan-Cato -- Pt. II. Hormones and mental health in the elderly -- 3. The hypothalamic -- pituitary -- adrenal axis in aging: preclinical and clinical studies / John W. Kasckow, Thomas D. Geraciotti, Jr. and Marta Pisarska / [et al.] -- 4. They hypothalamic -- pituitary -- thyroid axis / Gabriel K. Tsuboyama -- 5. Estrogen and depression in aging women / Mary F. Morrison and Kathryn Tweedy -- 6. The role of testosterone in male depression / Stuart N. Seidman and Steven P. Roose -- 7. Dehydroepiandrosterone

in aging and mental health / Owen M. Wolkowitz, Patricia D. Kroboth and Victor I. Reus / [et al.] -- 8. Sex hormones, cognition, and dementia in the elderly / Kristine Yaffe -- 9. Effects of estrogen on basal forebrain cholinergic neurons and cognition: implications for brain aging and dementia in women / Robert B. Gibbs -- 10. Gender and schizophrenia / Laurie A. Lindamer, M. Jackquelyn Harris and Julie Akiko Gladsjo / [et al.] -- 11. Sex steroids and anxiety disorders / Teresa A. Pigott -- 12. Gender and hormonal factors in pain and pain inhibition / Wendy F. Sternberg -- Pt. III. Effects of hormones and behavior on immune function -- 13. Estrogens, stress, and psychoneuroimmunology in women over the lifespan / Mary H. Burleson, Susan Robinson-Whelen and Ronald Glaser / [et al.] -- 14. Gender differences in immune function at the cellular level / Eva Redei and Suresh G. Shelat -- Pt. IV. Hormones and gender differences in psychotropic drug metabolism -- 15. Gender differences in psychotropic drug metabolism / Bruce G. Pollock -- 16. The influence of progesterone on the pharmacokinetics and pharmacodynamics of gamma-aminobutyric acid-active drugs / Patricia D. Kroboth and James W. McAuley.

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### Sommario/riassunto

The significance of hormone action in psychiatry has been long studied, now including the psychiatric effects of hormones on the aging process. This clinical reference addresses the hormonal basis of mental disorders in older people. Hormones influence a wide range of states and conditions, from pain tolerance and anorexia to attention, mood, immunity, cardiovascular and cognitive function, schizophrenia and Alzheimer's disease. Written by an eminent team of psychiatrists, psychologists, geriatricians and neuropharmacologists, this book brings together established information and findings in four sections: • An overview of the basic science of neurosteroids • Sex difference and the roles that cortisol, thyroid hormone, and the sex steroids estrogen, progesterone, dehydroepiandrosterone and testosterone play in common mental disorders and pain sensitivity • Psychoneuroimmunology in relation to age • Sex differences and hormones in psychotropic drug metabolism in the elderly.

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