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Titolo	Catecholamine research in the 21st century : abstracts and graphical abstracts, 10th International Catecholamine Symposium, 2012 // edited by Lee E. Eiden
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ISBN	0-12-800073-2
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Altri autori (Persone)	EidenLee E
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Nota di contenuto	Front Cover; Catecholamine Research in the 21st Century; Copyright Page; Contents; Preface; THEME A: CATECHOLAMINE BIOSYNTHESIS AND STORAGE; 1. Genetic Manipulation of Catecholamine Signaling in the Mouse; 2. AADC Deficiency: Occurring in Humans; Modeled in Rodents; Treated in Patients; 3. Tyrosine Hydroxylase and Dopamine Beta-Hydroxylase: Role of Common Genetic Variation in Adrenergic Responses to Stress and ...; 4. Pharmacokinetic and Pharmacodynamic Properties of Etamicastat, a New DBH Inhibitor: Comparison to Nepicastat 5. Estradiol-Mediated Regulation of Gene Expression of Catecholamine Biosynthetic Enzymes: The Role of Membrane-Initiated Sign...6. Structural Basis for Regulation of Tyrosine Hydroxylase by the Catecholamines; 7. Unique Regulation of TH Gene Expression in Midbrain Dopamine Neurons; 8. Intracellular Stability of Tyrosine Hydroxylase: Phosphorylation and Proteasomal Digestion of the Enzyme; 9. The Peripheral Interaction of Tyrosine Hydroxylase and 14-3-3 with Negatively Charged Phospholipidic Membranes; References 10. Dynamic Regulation of Tyrosine Hydroxylase Gene Expression by Key Fate-Determining Transcription Factors during Dopaminergi...11. Analysis of Tyrosine Hydroxylase Isoforms and Phosphorylation in

Parkinson's Disease; 12. Non-dopaminergic Neurons Partly Expressing Dopaminergic Phenotype: Functional Significance and Regulation; 13. Developing Brain as an Endocrine Organ: Catecholamines Secretion and Endocrine Action; 14. Brainstem DOPAergic System; 15. Imaging Norepinephrine Transporters in Humans; Translational Research with PET

16. Imaging the Vesicular Monoamine Transporter (VMAT2) in Neurodegenerative Diseases 17. GTP Cyclohydrolase Regulation: Implications for Brain Development and Function; 18. Neonatal Diagnosis of Menkes Disease by a Pattern of Plasma Catechols; 19. Catecholamine Metabolites Affected by the Copper-Dependent Enzyme Dopamine-Beta-Hydroxylase Provide Sensitive Blood and Csf...; 20. Are the Enzymes of the Catecholamine Biosynthetic Pathway Locally Synthesized in the Axon?

21. Effects of Missense Mutations in Tyrosine Hydroxylase (TH) Found in Patients with Neurological Disorders Attributed to TH D... 22. Tetrahydrobiopterin Deficiency Impairs Postnatal Increase of TH Protein via Insufficient Dopamine Biosynthesis; 23. Selective Ablation of Dopamine Beta-Hydroxylase Neurons (Subpopulation of TH Neurons) in the Brain: New Insights into Brain...; 24. Neural Circuit Mechanism for Learning Dependent on Dopamine Transmission: Roles of Striatal Direct and Indirect Pathways in...

25. Regulation of Tyrosine Hydroxylase by Ser19-Phosphorylation-Dependent Binding to 14-3-3

Sommario/riassunto

Through the use of extended graphical abstracts and some traditional text-only abstracts this collection provides, a record of and roadmap to, the research presented at The Tenth International Catecholamine Symposium (XICS) held in September of 2012. Organized around ten general themes, each is introduced by a short overview identifying interesting research programs, results and potential areas of growth. The collection is a roadmap to key research and future opportunities for new catecholamine research programs and will be of interest to neuroscientists and clinical neurologists interested

2. Record Nr.	UNINA9910956523303321
Autore	Powell Pia Hansen <1955-, >
Titolo	Buddies : reading, writing, and math lessons // Pia Hansen Powell
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ISBN	1-317-91975-0 1-315-85279-9 1-317-91976-9
Edizione	[1st ed.]
Descrizione fisica	1 online resource (176 p.)
Collana	An Eye on Education Book
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di contenuto	Cover; Title Page; Copyright Page; Table of Contents; PREFACE; 1 BUDDIES: THE IMPORTANCE OF PARTNERSHIP FOR CHILDREN AND TEACHERS; The Benefits for Children; The Benefits for Teachers; Meeting Student Needs; Grade Combinations and Considerations; Implementation; Planning for Buddies; Training the Buddies; The Importance of Standards; Assessing for Student Understanding; Generic Rubric; 2 READING ACTIVITIES; Beginning, Middle, and End; Character Cube; Dear Character Letter; Give Me Five Main Ideas; Mapping a Story; Memory with Words; Nonfiction Reading Timeline; Personal Dictionary Read and RewriteRead and Spin; Reading Bookmarks; Reading the Newspaper; Story Brief; Word Search; 3 WRITING ACTIVITIES; Buddy Couplets; Cinquain Poetry; Color My World; Dear Buddy Letter; If I Could Be; Interview; My Buddy and I Book; Name Poem; Postcards; Recipe for a Buddy; Revising and Editing; Story Strip; Want Ads; Who Am I?; 4 MATHEMATICS ACTIVITIES; Birthday Cake Graph; Buying Books; Dichotomous Classification; Geo-mallows; Guessing About Capacity; Me and My Buddy Glyphs; Menu Math; Odd and Even, Fair Game; Paper Quilts; Pebbles and a King; Probability Experiment

Snowflake Symmetry, An Area LessonStrategy with Basic Facts; Tape Measures

Sommario/riassunto

This book provides opportunities for older and younger children in different grades to work together on standards-based activities. It contains over 40 lessons in which elementary school students of different ages can learn together. Each activity can be assigned as a special project or as part of an organized program in which teachers work together on a regular basis. For each activity, you will be provided with: standards -- reading, writing, or mathematics, and assessment rubrics, student handouts, ready for photocopying. To help you assess your students objectively and confidently, about a