

1. Record Nr.	UNINA9910162993903321
Titolo	Advanced therapies in pediatric endocrinology and diabetology : workshop, Rome, October 27-28, 2014 // volume editors Marco Cappa, Stefano Cianfarani, Lucia Ghizzoni, Sandro Loche, Mohamad Maghnie
Pubbl/distr/stampa	Basel ; ; New York : , : Karger, , 2016
ISBN	3-318-05637-5
Descrizione fisica	1 online resource (176 p.)
Collana	Endocrine development; ; volume 30
Disciplina	618.92/4
Soggetti	Pediatric endocrinology
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 and index.
Nota di contenuto	Toward automation of insulin delivery : management solutions for type 1 diabetes / Nimri, R., Phillip, M. -- Islet transplantation in pediatric patients : current indications and future perspectives / Bertuzzi, F., Antonioli, B., Tosca, M.C., Galuzzi, M., Bonomo, M., Marazzi, M., Colussi, G -- Glucagon-like peptide-1 receptor agonist treatment for pediatric obesity / Kelly, A.S -- Docosahexaenoic acid and its role in g-protein-coupled receptor 120 activation in children affected by nonalcoholic fatty liver disease / Della Corte, C., Mosca, A., Ionata, A., Nobili, V -- Noninvasive prenatal diagnosis of congenital adrenal hyperplasia / Khattab, A., Yuen, T., Sun, L., Yau, M., Barhan, A., Zaidi, M., Lo, Y.M.D., New, M.I -- Recent advances in hydrocortisone replacement treatment / Mallappa, A., Debono, M -- Experience with the histrelin implant in pediatric patients / Eugster, E.A -- Different medications for hypogonadotropic hypogonadism / Rastrelli, G., Vignozzi, L., Maggi, M -- Long-acting growth hormone : an update / Saenger, P.H., Mejia-Corletto, J -- C-type natriuretic peptide analog as therapy for achondroplasia / Legeai-Mallet, L -- Therapeutic neuroendocrine agonist and antagonist analogs of hypothalamic neuropeptides as modulators of the hypothalamic-pituitary-gonadal axis / Newton, C.L., Anderson, R.C., Millar, R.P -- Aromatase inhibitors in the treatment of short stature / Hero, M -- Gene therapy for rare central nervous system diseases comes to age / Aubourg, P -- Novel

therapeutic targets and drug candidates for modifying disease progression in adrenoleukodystrophy / Pujol, A.

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Sommario/riassunto

Dealing with current hot topics, this book aims to provide an update on advances in the treatment of endocrine disorders. The chapters cover innovative therapeutic approaches to type 1 diabetes, such as artificial pancreas and islet transplantation. Additionally, novel pharmacological interventions for patients with obesity and the metabolic syndrome, as well as with adrenal and gonadal disorders are provided. Furthermore, recent developments in growth-promoting therapies, such as the C-type natriuretic peptide analog to treat achondroplasia, as well as antioxidant and gene replacement therapies in patients with adrenoleukodystrophy, are described. Worldwide renowned experts share their experience and cutting edge research in Advanced Therapies in Pediatric Endocrinology and Diabetology, which makes it a useful and interesting resource for every pediatric endocrinologist, not only those active in clinical research, but also those involved in the management of children with endocrine diseases in daily practice.

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