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Autore	Mukhopadhyay Tito Rajarshi
Titolo	Plankton dreams : what I learned in special ed / / Tito Rajarshi Mukhopadhyay
Pubbl/distr/stampa	Open Humanities Press, 2015 London : , : Open Humanities Press, , 2015
ISBN	9781785420139 9781785420078
Descrizione fisica	1 online resource (87 pages) : digital, PDF file(s)
Collana	Immediations
Soggetti	Autistic youth - United States Special education - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Contents -- Introduction -- Chapter 1 -- Chapter 2 -- Chapter 3 -- Chapter 4 -- Chapter 5 -- Chapter 6 -- Chapter 7 -- Chapter 8 -- Chapter 9 -- Chapter 10 -- Epilogue -- Afterword.
Sommario/riassunto	In Plankton Dreams,Tito Rajarshi Mukhopadhyay crafts a proud, satiric style: the special ed student as literary troublemaker. 'Mother had always taught me to learn from circumstance,' he writes. 'Here, the circumstance was humiliation, a particularly instructive teacher.' 'But I' m not complaining,' he continues. 'Humiliation, after all, made me a philosopher.' For all of its comic effects, the book alerts readers to an alternative understanding of autism, an understanding that autistics themselves have been promoting for years. Frustrated by how most scientists investigate autism, Mukhopadhyay decides to investigate neurotypicality, treating his research subjects the way he himself was treated. Why shouldn’t the autist study the neurotypical? This artful parody of scientific endeavour salvages dignity from a dark place. It also reveals a very talented writer. It is most certainly time to study the neurotypical—his or her relentless assumptions. Perhaps by doing so we may devise a more humble and hospitable society.

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Titolo	Immunogenomics and human disease [[electronic resource] /] / [edited by] Andras Falus
Pubbl/distr/stampa	Chichester, West Sussex, England ; ; Hoboken, NJ, : John Wiley, c2006
ISBN	1-280-41112-0 9786610411122 0-470-03409-2 0-470-03324-X
Descrizione fisica	1 online resource (558 p.)
Altri autori (Persone)	FalusAndras
Disciplina	616.0796 616.979
Soggetti	Immunogenetics
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	Immunogenomics and Human Disease; Contents; Preface; List of Contributors; 1 Genotyping methods and disease gene identification; 1.1 Introduction; 1.2 Genotyping of single-nucleotide polymorphisms; 1.3 Methods for interrogating SNPs; 1.4 Analysis formats; 1.5 The current generation of methods for SNP genotyping; 1.6 The next generation; 1.7 Classical HLA typing; 1.8 MHC haplotypes; 1.9 Molecular haplotyping; 1.10 Microhaplotyping; 1.11 MHC and disease associations; 1.12 Conclusions; Acknowledgements; References 2 Glycomics and the sugar code: primer to their structural basis and functionality2.1 Introduction; 2.2 Lectins as effectors in functional glycomics; 2.3 Galectins: structural principles and intrafamily diversity; 2.4 Ligand-dependent levels of affinity regulation; 2.5 Perspectives for galectin-dependent medical applications; 2.6 Conclusions; References; 3 Proteomics in clinical research: perspectives and expectations; 3.1 Introduction; 3.2 Proteomics: tools and projects; 3.3 Discussion; 3.4 Concluding remarks; Acknowledgements; References 4 Chemical genomics: bridging the gap between novel targets and small molecule drug candidates. Contribution to immunology4.1 Introduction of chemical genomics: definitions; 4.2 Chemical

microarrays; 4.3 Small molecule and peptide probes for studying binding interactions through creating a covalent bond; 4.4 Photochemical proteomics; 4.5 General aspects of photoaffinity labelling; 4.6 Photoreactive probes of biomolecules; 4.7 Application to the immunobiology of living cells; 4.8 Multifunctional photoprobes for rapid analysis and screening; 4.9 Advanced application to functional proteomics
4.10 SummaryReferences; 5 Genomic and proteomic analysis of activated human monocytes; 5.1 Primary human monocytes, as a model system; 5.2 Transcriptional profiling of activated monocytes; 5.3 Functional genomics; 5.4 Proteomic analysis of activated human monocytes; References; 6 Bioinformatics as a problem of knowledge representation: applications to some aspects of immunoregulation; 6.1 Introduction; 6.2 Sequences and languages; 6.3 Three-dimensional models; 6.4 Genomes, proteomes, networks; 6.5 Computational tools; 6.6 Information processing in the immune system; 6.7 Concluding remarks
References7 Immune responsiveness of human tumours; 7.1 Introduction; 7.2 Defining tumour immune responsiveness; 7.3 Studying immune responsiveness in human tumours; 7.4 Immune responsiveness in the context of therapy; 7.5 The spatial dimension in the quest for the target; 7.6 Studying the receiving end - tumour as an elusive target for immune recognition; 7.7 The role of the host in determining immune responsiveness; 7.8 Concluding remarks; References; 8 Chemokines regulate leukocyte trafficking and organ-specific metastasis; 8.1 Chemokines and chemokine receptors
8.2 Chemokine receptors in the organ-specific recruitment of tumour cells

Sommario/riassunto

This book provides an overview of key conceptual and molecular technologies being deployed in immunogenomics, followed by detailed evaluations of the impact of genomics and systems biology on important areas such as cancer immunology, autoimmunity, allergy and the response to infection.