

1. Record Nr.	UNINA9910715810903321
Titolo	Appropriations, new officers, &c. Statements showing I. Appropriations made during the third session of the Thirty-seventh Congress. II. Officers created and the salaries thereof. III. The offices the salaries of which have been increased, with the amount of such increase during the same period. May 25, 1863
Pubbl/distr/stampa	[Washington, D.C.] : , : [U.S. Government Printing Office], , 1863
Descrizione fisica	1 online resource (79 pages) : tables
Collana	Mis. doc. / 37th Congress, 3rd session. House ; ; no. 27 [United States congressional serial set] ; ; [serial no. 1171]
Soggetti	Budget Armed Forces - Appropriations and expenditures Executive departments Administrative agencies Revenue Factory and trade waste Financial statements Civil service Wages Legislative materials. United States Appropriations and expenditures United States Armed Forces Appropriations and expenditures
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Batch processed record: Metadata reviewed, not verified. Some fields updated by batch processes. FDLP item number not assigned.

2. Record Nr.	UNINA9910298396603321
Titolo	Agrobacterium Biology : From Basic Science to Biotechnology // edited by Stanton B. Gelvin
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2018
ISBN	3-030-03257-4
Edizione	[1st ed. 2018.]
Descrizione fisica	1 online resource (511 pages)
Collana	Current Topics in Microbiology and Immunology, , 0070-217X ; ; 418
Disciplina	579.334
Soggetti	Medical microbiology Microbial genetics Microbial genomics Agriculture Medical Microbiology Microbial Genetics and Genomics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	One more decade of Agrobacterium taxonomy -- The Ecology of Agrobacterium vitis and management of crown gall disease in vineyards -- Niche construction and exploitation by Agrobacterium: How to survive and face competition in soil and plant habitats -- Cell wall biogenesis during elongation and division in the plant pathogen Agrobacterium tumefaciens -- Exopolysaccharides of Agrobacterium tumefaciens -- Function and Regulation of Agrobacterium tumefaciens Cell Surface Structures that Promote Attachment -- Coping with high temperature: A unique regulation in A. tumefaciens -- Small non-coding RNAs in Agrobacterium tumefaciens -- The Agrobacterium type VI secretion system: a contractile nanomachine for interbacterial competition -- The Agrobacterium VirB/VirD4 T4SS: Mechanism and architecture defined through in vivo mutagenesis and chimeric systems -- Real-time trafficking of Agrobacterium virulence protein VirE2 inside host cells -- The mechanism of T-DNA integration: The major unresolved questions -- Transcriptome profiling of plant genes in response to Agrobacterium tumefaciens-mediated transformation --

Agrobacterium-mediated transformation of yeast and fungi -- The Agrobacterium phenotypic plasticity (plast) genes -- Agrobacterium-mediated transformation in the evolution of plants -- Beyond Agrobacterium-mediated transformation: horizontal gene transfer from bacteria to eukaryotes -- Agrobacterium: A Genome Editing Tool-Delivery System -- Advancing Agrobacterium-based crop transformation and genome modification technology for agricultural biotechnology.

Sommario/riassunto

This volume reviews various facets of Agrobacterium biology, from modern aspects of taxonomy and bacterial ecology to pathogenesis, bacterial cell biology, plant and fungal transformation, natural transgenics, and biotechnology. Agrobacterium-mediated transformation is the most extensively utilized platform for generating transgenic plants, but modern biotechnology applications derive from more than 40 years of intensive basic scientific research. Many of the biological principles established by this research have served as models for other bacteria, including human and animal pathogens. Written by leading experts and highlighting recent advances, this volume serves both as an introduction to Agrobacterium biology for students as well as a more comprehensive text for research scientists.
