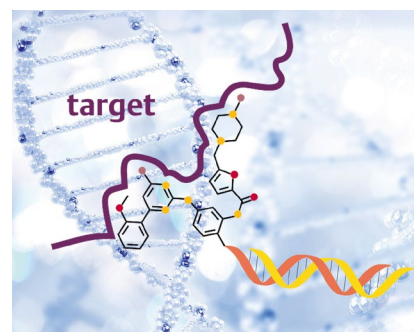


Release: SOS 4.32, March 2024

DNA-Encoded Libraries

This release includes 8 new articles, thus completing the volume **DNA-Encoded Libraries**.

Edited by Dr. Jörg Scheuermann (ETH-Zurich, Switzerland)
and Prof. Yizhou Li (Chongqing University, P. R. China)



- **Amide-Bond-Forming Reactions**
Y. Li, X. Fang, and Y. Wang
- **Metal-Free DEL-Compatible C-C Bond Forming Reactions**
Z. Wang and A. L. Satz
- **On-DNA C-H Transformations**
X. Wang and X. Lu
- **Metal-Promoted DEL-Compatible C-C Bond Forming Reactions**
F. Migliorini, S. Puglioli, D. Neri, S. Cazzamalli, and N. Favalli
- **On-DNA Functional-Group Transformations**
N. Simmons, P. Chheda, and D. Schuman
- **On-DNA Cyclization Reactions**
G. Liu and J. Feng
- **On-DNA C-X (X = N, O, P, S, Se) Bond Forming Reactions**
W. Hou, G. Yang, and H. Xu
- **On-DNA Photoredox-Catalyzed Reactions**
A. Granados and G. A. Molander
- **DNA-Encoded Isocyanide Multicomponent Reactions**
S. Willems and A. Brunschweiler
- **Reversible Immobilization of DNA for Chemical Modification**
R. M. Franzini

- **Covalent Attachment on a Solid Support**
R. M. Franzini
- **DNA-Templated Synthesis**
G. Zhang, Q. Nie, and J. Sun
- **Encoding Using Single-Stranded DNA (Iterative Splint-Ligation Procedures)**
T. Georgiev, S. Cazzamalli, D. Neri, and G. Bassi
- **Encoded Self-Assembling (Dynamic) Chemical Libraries**
L. Prati, L. Lucaroni, S. Cazzamalli, D. Neri, and S. Oehler
- **Macrocylic DELs**
D. Gillingham and B. Sauter
- **DNA-Encoded Dynamic Combinatorial Chemical Libraries**
F. V. Reddavid, S. Heiden, M. Cui, W. Lin, M. Thompson, and Y. Zhang
- **DEL Selection Using DNA-Programmed Affinity Labelling (DPAL)**
Y. Huang and X. Li
- **Selections of DNA-Encoded Libraries to Protein Targets within Living Cells**
B. Cai and C. J. Krusemark
- **Informatic Tools, Processing, and Evaluation of DEL Selection Data On-DNA Resynthesis and Affinity Selection Mass Spectrometry (ASMS)**
W. Su, B. Xia, and T. L. Foley
- **Micelle-Mediated Synthesis**
J. S. Graham, H. A. Stanway-Gordon, and M. J. Waring
- **Encoding Using Double-Stranded DNA: A Headpiece-Based DNA Ligation Strategy**
Y. Zhou, Y. Huang, L. Xu, and F. Xiong
- **Chemical Ligation/Encoding**
A. D. Keefe and A. Litovchick
- **Peptide Nucleic Acid (PNA) Encoded Libraries**
L. Farrera-Soler, B. R. Vummidi, S. Barluenga, and N. Winssinger
- **Natural-Product-Enriched DELs**
H. Xu, P. Ma, and G. Yang
- **Selections by Affinity Capture on Solid Support**
A. Gloger and J. Scheuermann
- **Selections of DNA-Encoded Libraries to Protein Targets on Living Cells**
B. Cai and C. J. Krusemark
- **Informatic Tools, Processing, and Evaluation of DEL Selection Data**
W. Cui

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- **Amidines (Imidamides) N-Substituted by Metals, Halogens, Oxygen, and Other Heteroatoms**
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