



Handbook of RNA Biochemistry

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They cover all modern techniques for the handling, analysis and modification of RNAs and their complexes with proteins. Throughout, they bear the practising bench scientist in mind, providing quick and reliable access to a plethora of solutions for practical questions of RNA research, ranging from simple to highly complex.

This broad scope allows the treatment of specialized methods side by side with basic biochemical techniques, making the book a real treasure trove for every researcher experimenting with RNA.

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Editorial Review

Review

"Die beiden Bände präsentieren sich als ein echtes Handbuch, das in keinem Labor, in dem RNA-Forschung betrieben wird, fehlen sollte. Der Text ist prägnant verfasst und voller guter Ideen, und insbesondere die Kapitel zum "Troubleshooting" sind eine wertvolle Hilfe für die Praxis. Man kann den Autoren und Herausgebern zu diesem großartigen Handbuch nur gratulieren und die Lektüre jedem, der sich mit RNA beschäftigt, wärmstens empfehlen." *Angewandte Chemie*

"Alle Artikel sind durchweg sehr verständlich und praxisnah verfasst, die Illustrationen im Text (teilweise mehrfarbig) sind äußerst anschaulich, selbst wenn sie experimentelle Details aus Originalarbeiten wiedergeben. ... Das Handbuch richtet sich aufgrund der starken Betonung des experimentellen Vorgehens zuerst natürlich an Biochemiker und Molekularbiologen, die sich mit RNA auseinander setzen. Es dürfte aber auch für alle von großem Nutzen sein, die sich mit einer bestimmten Vorgehensweise oder Analysemethode vertraut machen wollen, auch wenn sie diese nicht selbst einsetzen. Somit ist es für Studierende der Molekularbiologie, Biochemie oder Biotechnologie unbedingt zu empfehlen und sollte in keiner Institutsbibliothek der erwähnten Fachrichtungen fehlen." *biologen heute*

From the Back Cover

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Roland K. Hartmann is Professor of Pharmaceutical Chemistry at the Philipps-Universität Marburg (Germany). He studied Biochemistry at the Freie Universität Berlin where in 1988 he received the Ernst Reuter award for outstanding Ph.D. theses. His research interests include natural ribozymes, particularly ribonuclease P, interactions of RNAs with proteins and small ligands, aptamers, antisense and RNA interference.

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Astrid Schön received her PhD from the Institute of Biochemistry at the University of Würzburg, and was a graduate fellow and postdoctoral associate with Dieter Söll at Yale University. She is currently a lecturer at the Institute of Biochemistry, University of Leipzig (Germany). Her research is focused on RNA metabolism and RNA-protein interactions, and the evolution of complex RNA enzymes.

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