



PHARMACOLOGY *education initiative*

JOIN US FOR A **WEBINAR**



Application of Receptor Chromatography in Drug Discovery from Natural Products

Dr. Qian Li

Northwest University, Xi'an, China

Register

Now



This webinar is free of charge

Tuesday, 15 September 2026 – 11:00 AM UTC +0

8:00 AM - São Paulo || 12:00 PM - London

1:00 PM - Amsterdam || 7:00 PM - Beijing

Copy and paste the registration link in your browser if the above link doesn't work:

<https://cassyni.com/events/YS7vRv85oM31c3UmzJdraH>

Abstract

Natural products have long been recognized as valuable sources for discovering compounds with significant therapeutic potential. However, the inherent complexity and heterogeneity of these substances often pose considerable challenges in isolating and identifying bioactive compounds. Receptor chromatography is a bio-inspired chromatographic method that incorporates in vivo receptor-ligand recognition specificity into chromatographic separation. It is used for determining the binding affinities to different ligands as their retention times differs from each other. What's more, receptor chromatography is also employed in ligand fishing from complex systems such as the natural products as it preserves the properties of high specificity, high stability and high speed. This makes it an invaluable strategy for high-throughput screening and lead compound discovery.



The **Pharmacology Education Initiative** is a collaborative project by **Elsevier**, **IUPHAR** and the **Pharmacological Research family of journals**, dedicated to advancing the field of pharmacology. All webinars are **FREE**.

Join our community

<https://cassyni.com/s/pharmacology-education-initiative>