

**FEATURE**

## Pittcon 2024: 75 Years of Scientific Breakthroughs

The Pittcon Conference and Expo 2024, held February 24-28 in San Diego, California (USA), has once again provided a platform for companies to showcase their advances in laboratory technology. Pittcon is one of the largest annual meetings for analytical chemistry and scientific instrumentation.



Pittcon is a dynamic, international conference and exposition on laboratory science. Source: Pittcon

The 75<sup>th</sup> Pittcon received around 6,000 people and more than 1,000 participants gave technical talks. About 470 vendors filled the exhibit hall, joined by nonprofit organizations, government labs and media groups.

The Wallace H. Coulter keynote lecture was on “Sustainable nanomaterials for sensing human health and the environment” presented by Professor Omowunmi (Wunmi) Sadik (BioSMART Center and New Jersey Institute of Technology). The lecture discussed the use of sustainable nanomaterials for understanding reaction mechanisms, small-scale synthesis and biosensing. Sustainable nanotechnology is the research and development of nanomaterials with economic and social benefits and little or no negative environmental impact. In this presentation, a new frontier for safe nanomaterials with tunable surface and electrocatalytic properties, high sorption capacities and excellent reactivities was discussed. Sensing applications of these tunable materials for biomarkers of pain and persistent pollutants were presented.

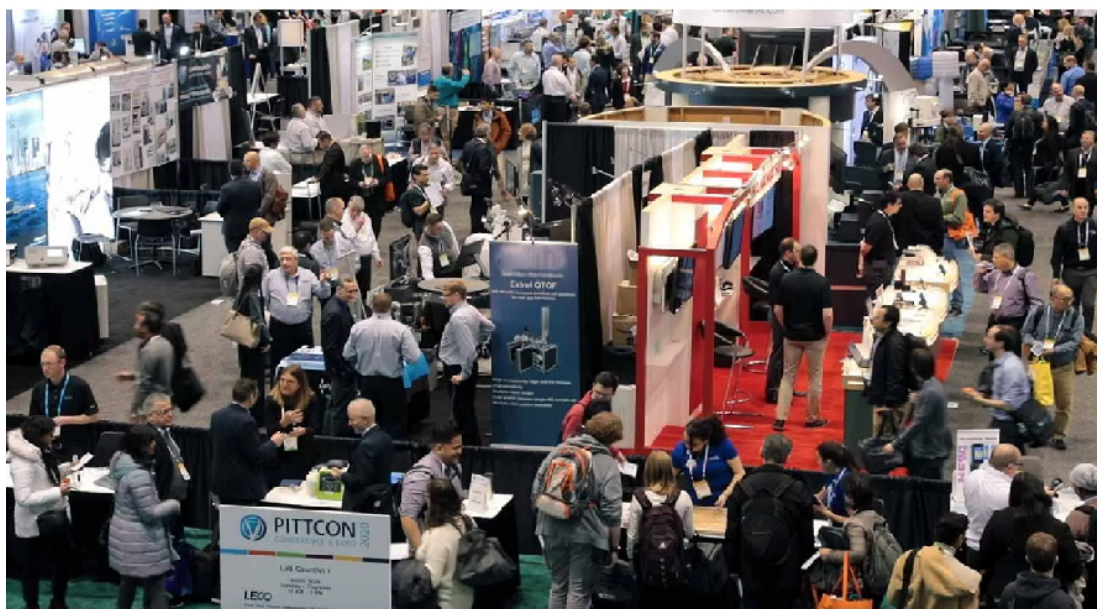
Pittcon’s technical program is comprised of more than 1,100 sessions and provides direct access to the latest research and developments from an international assembly of cutting-edge scientists and research pioneers. An event to showcase the latest advances in analytical research and scientific instrumentation and a platform for continuing education and opportunities to improve science.

Pittcon’s international exhibition offers the opportunity to see the latest laboratory instruments, participate in product demonstrations and seminars, speak directly with technical experts, and find solutions to your laboratory challenges.

During the event, participants had the opportunity to interact with partner suppliers. Their most recent innovations were presented and conversations with new ideas and solutions also took place.

Pittcon's short courses have brought meaningful topics in bioanalytics, cannabis, energy, environmental science, food science, forensic science, industry, biological sciences, nanotechnology, materials science, pharmaceuticals and more.

## About Pittcon



The laboratory industry showcases cutting-edge innovations at Pittcon 2024. Source: Pittcon

Pittcon is not just a conference, it is a space where the boundaries between industries blur and the possibilities for connection are limitless. Pittcon is a community where analytical chemists from all walks of professional life converge.

Whether you're a seasoned professional looking for future employees, a newcomer looking for mentors to guide your journey, or someone in need of innovative solutions, Pittcon is where connections happen.

Pittcon was born in the city of Pittsburgh, which in the 1940s was the nucleus of a huge industrial center that pulsed with the flow of raw materials and manufactured products. Everyone needed testing and analysis laboratories to check their incoming and outgoing goods - and the scientists who ran these laboratories founded the Spectroscopy Society of Pittsburgh (SSP) and the Society of Analytical Chemists of Pittsburgh (SACP). The two societies merged their annual symposia in 1950, giving rise to the first Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy. This first conference had 800 attendees and 14 exhibitors displaying the latest in laboratory equipment - Fisher Scientific Company (now part of Thermo Fisher Scientific, one of the largest exhibitors at the 2009 show) being one of them.

The conference first moved out of Pittsburgh in 1968 due to an employee strike at the planned venue, the Penn-Sheraton Hotel, but the move to the Cleveland (Ohio) Convention Center was so successful that the show remained there for next 11 years. When the conference moved to Atlantic City in 1980, it attracted nearly 16,000 attendees and 369 exhibiting companies, and the number of visitors surpassed the 30,000 mark in 1987. In 1988, the Pittcon 'road show' began, with the conference host changing city almost every year, taking place in Atlanta, New York, Chicago and New Orleans. The 1996 Chicago conference had the largest number of visitors ever - with 34,079 participants and 1,116 exhibitors on their way to the "windy city".

### **Next Pittcon**

The Pittcon Conference and Expo 2025 will be held in the city of Boston, Massachusetts (USA), between March 1<sup>st</sup> and 5<sup>th</sup>, 2025.

The Boston Convention and Exposition Center (BCEC) is the most user-friendly and technologically advanced convention center in the world. It is located in the Seaport District, Boston's newest and fastest-growing neighborhood, quickly becoming its new core. It has hundreds of new restaurants, trendy hotels, state-of-the-art spaces for technology companies and biotechnology companies, and is highly walkable.

**Source:** Pittcon