



Certified Advanced Biotherapies Professional (CABP) as a Solution for Demonstrating Qualifications to Credibly Practice in The Field of Biotherapies

1st & only

certification for
biotherapies professionals

7 key domains

covered by the exam

114 individuals

in the inaugural cohort
awarded in December 2022

1. The Challenge

Worldwide workforce shortages in the biotherapies field created challenges associated with identifying and retaining employees. Biotherapies companies have not previously had a reliable tool to identify qualified candidates when looking to grow their talent pool. The CABP certification was developed by AABB in response to the need for a practical certification for professionals in the field.

Rapid growth is almost universally predicted:

- A 2021 UK Cell and Gene Therapy Skills Demand Survey Report anticipates a 150% increase in bioprocessing jobs by 2026.
- The US National Science Board called for the creation of a skilled technical workforce in the field of regenerative medicine biomanufacturing in a 2019 report.
- A 22% CAGR increase, representing \$100 billion in growth, is predicted for the CGT market between 2021-2030.

2. The Solution

AABB developed the first-ever certification designed to certify candidates that have demonstrated the necessary knowledge to credibly practice as biotherapies professionals. The exam was developed by more than 40 subject matter experts and validated by professionals in the field.

The exam covers seven key domains - establishing minimum standards of competence, identifying qualified and proficient professionals and advancing safety and quality.

Candidates must meet pre-requisites, obtain a passing grade on the exam and agree to the CABP Code of Conduct to earn the certification for a three-year cycle. Maintenance of the certification includes ongoing continuing education requirements.

“Before the CABP certification, there was no way to identify qualified individuals who were knowledgeable in biotherapies. One of the major challenges in the biotherapies field is the lack of qualified workforce. The field of biotherapies is fairly novel and very complex. Hiring an individual is a big investment when you’re not certain whether or not they are fully qualified for the position.

-Phil Accooe, MBA, MS, MLS(ASCP)SBB, CLS, PMP, CABP
U.S. Department of Veterans Affairs
AABB Board of Directors member

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Domains Covered by the Exams



Biotherapies in the Patient Care Ecosystem



Biotherapies Science and Ethics



Operations and Equipment



Biotherapies Development lifecycle



Manufacturing



Quality System



Regulatory Environments

3. The Results

In December 2022, AABB was pleased to announce the first cohort of biotherapies professionals who have been awarded the CABP credential. A total of 85 successful candidates were awarded their CABP. In addition, 29 individuals were awarded an honorary certification (CABP(H)) for their significant contributions to the development of the CABP exam.

Those who have achieved this distinction can now add “CABP” or “CABP(H)” as a postnominal. AABB congratulates these awardees for achieving this esteemed honor. Ninety percent of awardees were from the United States, 2% from Canada, and 8% from elsewhere.

Since February 2023, the CABP is open to biotherapies professionals throughout the world, and approved candidates can take the online, proctored exam on a rolling 24/7 basis.

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4. The Impact

Employer highlight: Northside Hospital Duluth, Georgia

“Four of our staff have now received the CABP. We are adding the CABP to our lab personnel description and working toward the objective for employees that take and pass the CABP to be eligible for a higher level position within the Cell Therapy Lab and salary increases. The hospital will also pay to renew our staff’s CABP credentials every three years. The CABP certification falls in line with our Cell Therapy Transplant Program’s commitment to quality and expertise.”

-Brenda Alder, CABP(H)
Cell Therapy Transplant QA and Regulatory Manager
Northside Hospital
Duluth, Georgia

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