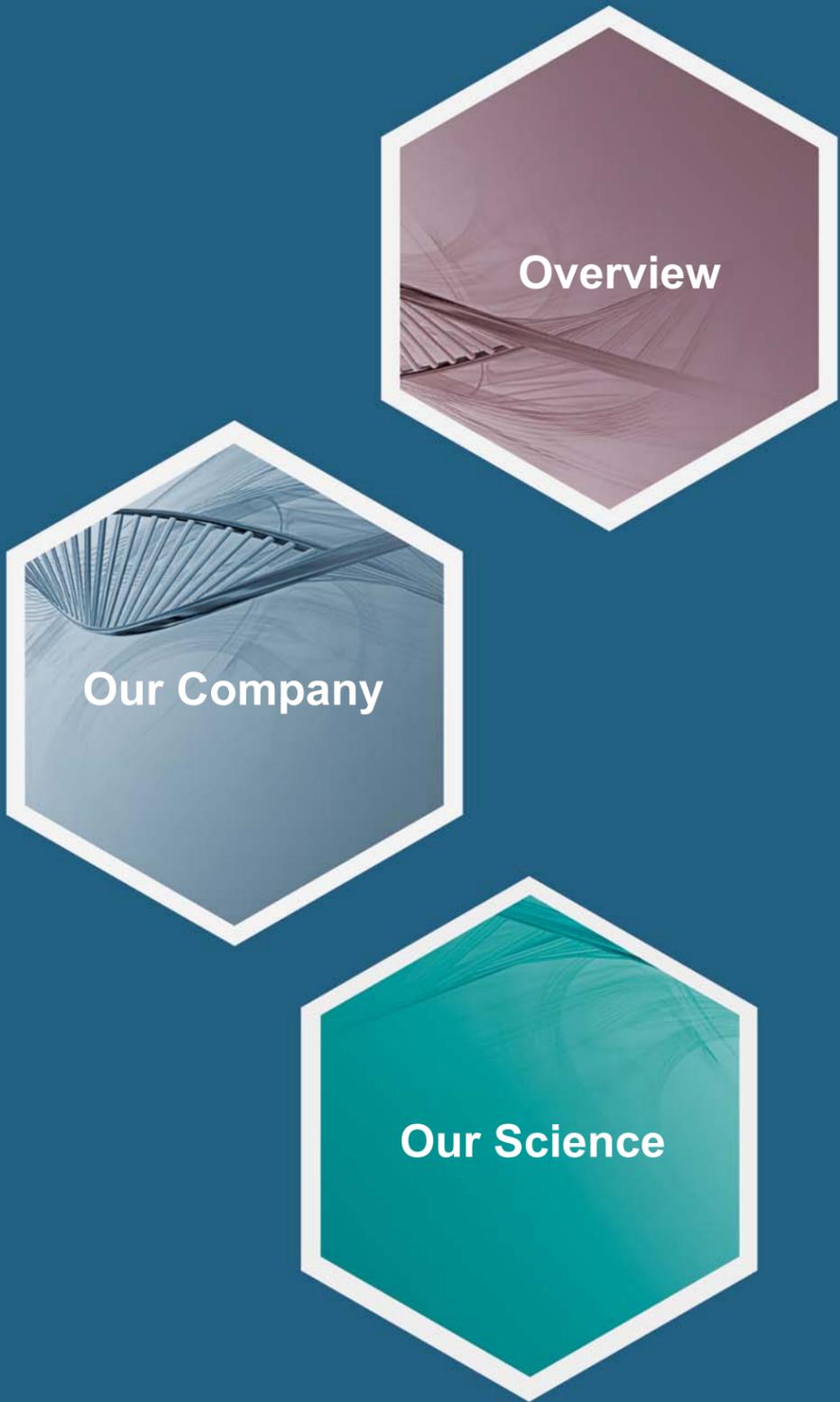




# The Global Biotech Company

## Making Research Easy



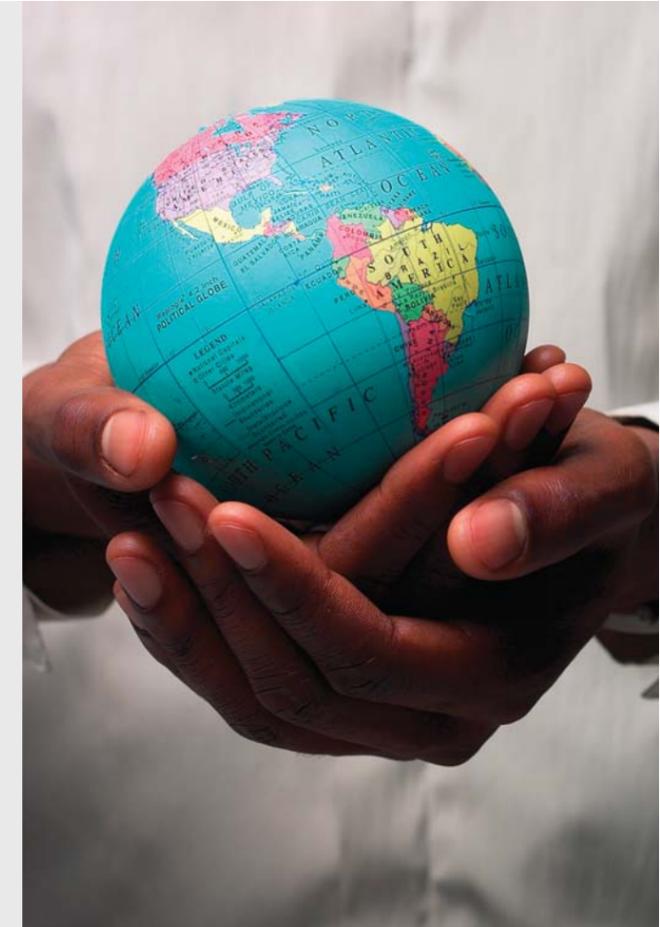




## Making Research Easy

- ♦ Largest Biology CRO Company
- ♦ 86 Countries Presence
- ♦ 10 Years Experiences
- ♦ 1,300 Employees
- ♦ 800,000 ft<sup>2</sup> Facilities
- ♦ Pioneer in Synthetic Biology

Founded in 2002, GenScript has grown together with the synthetic biology industry and is now the world's largest gene synthesis supplier. Headquartered in New Jersey and with subsidiaries in Europe, Japan, and China, GenScript consistently provides the best research services to the scientific community worldwide. Besides the world-leading gene synthesis service, GenScript offers comprehensive services for biological research and early-phase drug discovery, such as bio-reagents, assay development & screening, antibody drug development and research animal model services. Through developing and applying innovative synthetic biology technologies, GenScript assists researchers in advancing and transforming research in biology.





## Our Science

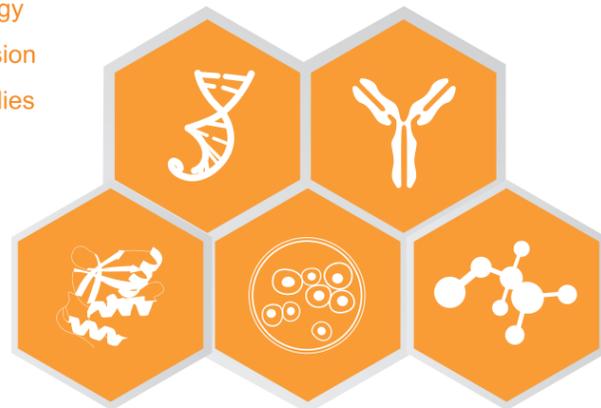
We have three business foci: custom reagents (gene and peptide synthesis, antibodies, proteins, cell lines), antibody drug development services, and catalog reagents for life science basic research.

Over the years, GenScript has developed a highly efficient service philosophy: One stop for gene, peptide, protein, and antibody services. These services and products are each essential to modern molecular biology research, the impetus for modern drug discovery.

Our products and services encompass all aspects of biological research, ranging from the synthesis of single genes to the generation of whole cell lines, which when combined form the corner-stone of our business. With seamless integration of world class talents, state-of-the-art equipment, and a deep understanding of the economies of scales, Gen-Script offers superior custom reagents in the most time- efficient and cost-effective manner.

### Custom Reagents

- Cell Lines
- Molecular Biology
- Protein Expression
- Custom Antibodies
- Peptides



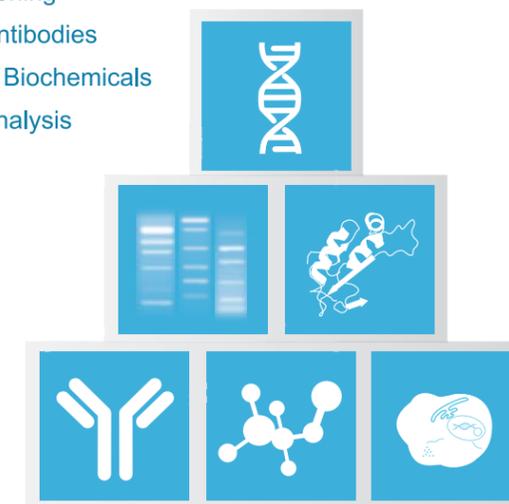
### Antibody Drug Development Services

- Antibody Engineering
- Bio-Assays
- Bioprocess
- Animal Model



### Catalog Products

- Nucleic Acid Preparation & Analysis
- Protein Expression, Isolation & Analysis
- PCR & Cloning
- Catalog Antibodies
- Peptide & Biochemicals
- Cellular Analysis



Our Technical Account Managers provide around-the-clock\* consultation service to our clients. Our performance pledge is to respond to your questions or quotation request within 24 hours.

**\*Monday to Friday**

## Industries/Applications

GenScript's products and services have applications in an array of an array of areas in both industry and academia

### Life Science

Our custom reagents provide flexible choices for life scientists that desire tailor-made genes, peptides, proteins, antibodies, peptide arrays, or mutant libraries.



### Diagnostics

Our full spectrum of antibody services generate bulk polyclonal and a monoclonal antibodies that can be incorporated as components in an ELISA-based diagnostic kit.

### Food Safety

ELISA is one of the most popular techniques for detecting the presence of foodborne pathogens. Our antibody development experts can provide completely flexible solutions to clients who are developing reagent kits for food pathogen detection.

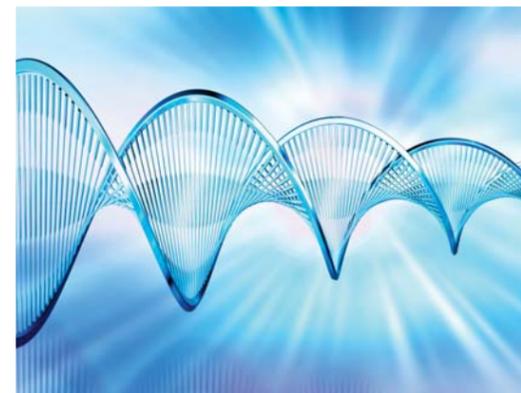


### Biodegradation

Over 500 microorganisms and 900 enzymes are involved in microbial biocatalytic reactions and biodegradation pathways. The efficiency of these enzymes can be greatly enhanced by genetic engineering. Our biology services can increase both the expression levels and efficacy of key biocatalytic enzymes.

### Bioenergy

Our comprehensive molecular biology services and protein expression services offer the possibility of engineering modified enzymes that can more effectively produce an array of energy-related products from renewable biomass resources such as: energy crops, agricultural crop wastes and residues, wood wastes and residues, aquatic plants, or animal and municipal wastes.

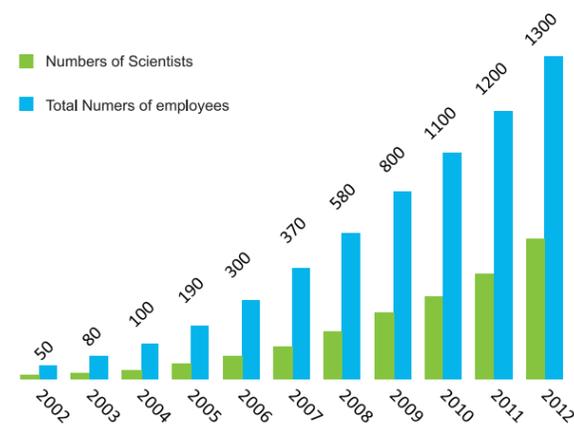


### Synthetic Biology

Our molecular biology services, which include gene synthesis and mutant library generation, can empower scientists to engineer micro-organisms or enzymes to produce biofuels, pharmaceuticals and other high value chemical products.

## Our People

Our well educated staff is poised to cater to all of our customer's needs. our employees have obtained a Master's degree or above. Our scientists possess expertise in a wide variety of scientific fields and are dedicated to maintaining the highest standards of product development, project management and customer service.



## GenScript Impact

- One of the five founding members of IGSC, the organization representing gene synthesis industry
- Sponsored iGEM Since 2009
- The only commercial entity invited to participate in the Synthetic Yeast Genome Project in 2012
- GenScript services/products have been Sent to over 80 countries/territories

## Providing Opportunities

Apart from performing their regular duties, our scientists also conduct in-house R&D projects which allow our employees to develop their careers, while also expanding and improving our products and services. Our employees regularly participate in training programs, team building exercises and career planning sessions. Our employee career development and support programs foster a cohesive community that works together to collectively acheive the goals of our company.

## Key Management Team



### Dr. Frank ZHANG, CEO

- GenScript Co-founder, 2002
- Principal Scientist, Schering-Plough, 1995-2002
- PhD, Duke University, 1995



### Dr. Larry WANG, President

- GenScript Co-founder, 2002
- Principal Scientist, Schering-Plough, 1996-2002
- PhD, Rutgers University, 1996



### Ms. Sally WANG, EVP, Operation

- GenScript Co-founder, 2002
- M.S. from Wuhan University, 1990



### Dr. Chuan-Chu CHOU, Senior VP, Corporate Development

- Senior VP of Corporate Development, Genscript, 2012
- Fellow, Schering-Plough/Merck, 1988-2011
- PhD, University of California at Los Angeles, 1985



### Dr. Li ZHU, VP, Strategy

- VP of Strategy, GenScript, 2010
- Genetastix founder, 2000
- Director, Clontech Laboratories, 1990-2000
- PhD, Stanford University, 1989

## Proven Track Record in Performance

### Molecular Biology Services

"Your constructs have provided us with the ability to make exciting progress in understanding the causes of brain developmental disease."

— Dr. Richard Vallee, Columbia University, USA

### Protein Services

"GenScript provides fast, professional protein synthesis services at very reasonable prices, ... GenScript has made it possible for my lab to focus on our own area of expertise."

— Dr. Barry Bradford, Kansas State University, USA

### Peptide Services

"I have been using the peptides from your company since 2004. The high quality standard and competitive prices of your company will keep us hooked, hopefully for the years to come."

— Dr. Miguel Morales, Universidad de Barcelona, Spain

### Antibody Services

"I made use of the custom antibody services, which included antigenic peptide design and production. ... In all the performed assays, the antibody proved to be highly specific. I would highly recommend GenScript services to anybody."

—Dr. Soné Ungerer, University of Pretoria, South Africa

## Investors

### Kleiner Perkins Caufield & Byers

- Most respected venture capital firm in the world
- Funded Genentech, Google, Amazon, Pacific Biosciences, etc
- Invested in over 300 IT, life science, and biotech companies

### Shipston

- An international private equity firm
- Founded by industrialist Michael D. Dingman, who was former Chairman, CEO or president of major US based corporations e.g. Allied Signal, Henley Group, Fisher Scientific.
- Invests in strong teams, and uses its capital, operating expertise, and industrial networks to assist portfolio companies to grow.



IN SEARCH OF  
THE NEXT **BIG IDEA**



## We add VALUE to your discovery process by:

- Providing you with alternatives to the purchase of expensive equipment which can depreciate in value as much as \$30,000/yr;
- Decreasing the cost of instrument maintenance and unused reagent kits;
- Increasing your competitive edge which allows for faster publication rates;
- Supplying you with reagents that are typically not commercially available;
- Saving you time and money on laboratory waste handling and disposal;
- Eliminating time-consuming administrative work, giving you more time for experimental design.

We Are Here to  
Make Your Research Easy!