LIFE SCIENCE SERVICES & SITES

POCKET MAP – 2014

SGS

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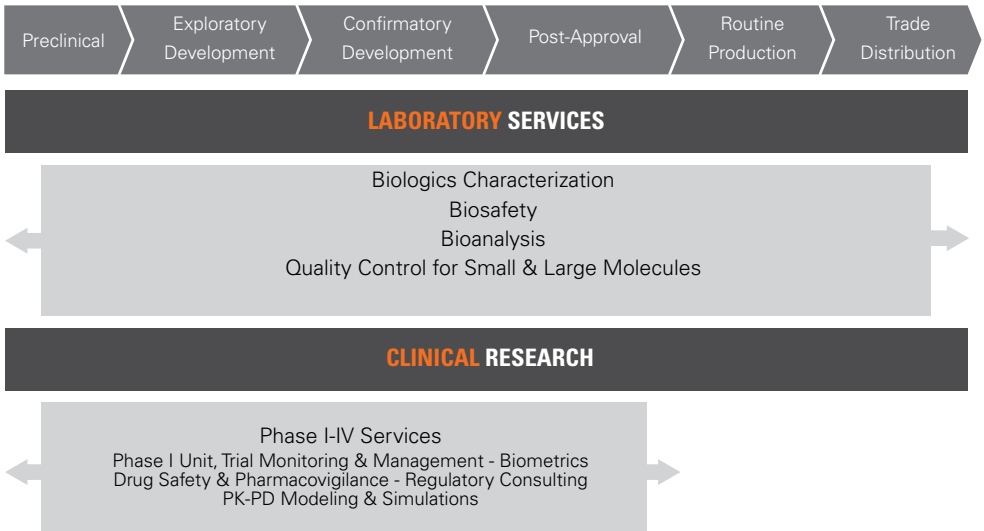
SGS's Life Science Services has over 35 years of experience as a global bio/pharmaceutical contract service organization. We provide integrated solutions from preclinical activities to phase I-IV clinical trials, pharmaceutical development, bioanalytical, protein characterization, biosafety and quality control testing of small and large molecules, raw materials, finished products, containers and utilities. With over 1,600 employees, a state-of-the-art clinical unit and the world's largest wholly owned network of GMP/GLP/GCP compliant laboratories, SGS serves the pharmaceutical, biotechnology and medical device industries across Europe, the Americas and Asia with 29 facilities located in 15 countries.

SGS's mission is to safeguard the quality of medicines by providing professional and independent services thereby creating value for our clients, employees, shareholders and benefits for patients worldwide.

SERVICES

GMP, GLP, GCP - FROM MOLECULE TO MARKET



WORLD MAP OF
SGS LIFE SCIENCE SERVICES
FACILITIES

NORTH AMERICA

CANADA
- Toronto (Mississauga, ON)

USA
- Chicago (Lincolnshire, IL)
- New York (Fairfield, NJ)
- Philadelphia (West Chester, PA)
- Washington, DC (Germantown, MD)
- Los Angeles (Carson, CA)

EUROPE

BELGIUM
- Antwerp
- Brussels (Wavre)
- Brussels (Mechelen)

CZECH REPBULIC
- Prague

FRANCE
- Paris (Clichy)
- Paris (Arcueil)
- Poitiers

GERMANY
- Berlin
- Frankfurt (Taunusstein)
- Freiburg

ITALY
- Florence (Livorno)

POLAND
- Warsaw

SPAIN
- Madrid

SWITZERLAND
- Geneva

UNITED KINGDOM
- London (Thurrock)
- Glasgow
- London (Wokingham)

ASIA

CHINA
- Shanghai

INDIA
- Chennai
- Mumbai (Navi)

SINGAPORE
- Singapore

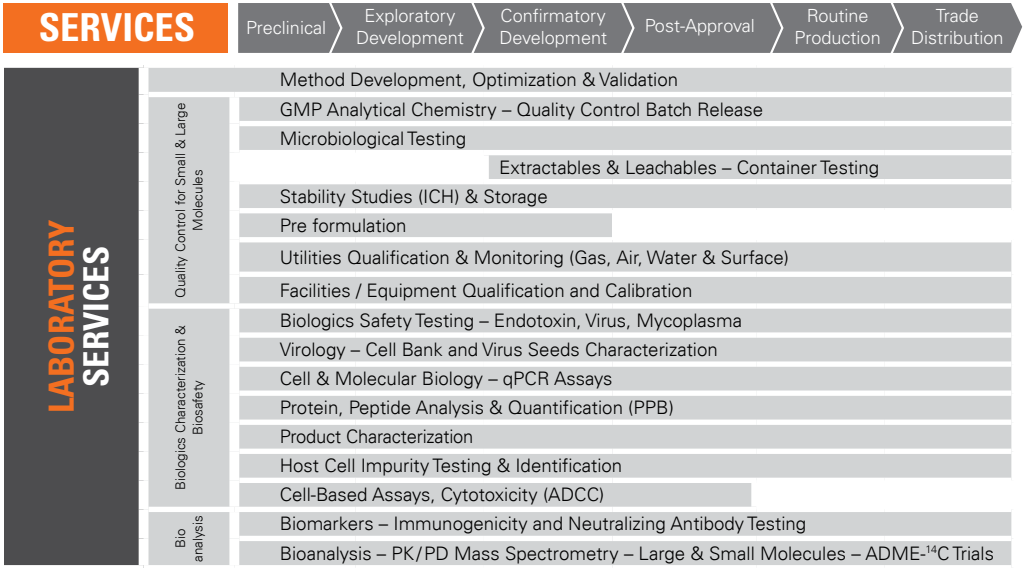
TAIWAN
- Kaohsiung
- Taipei

- NEW Laboratory in 2014
- Laboratory Services
- Clinical Pharmacology Unit
- Clinical Trial Management

CLICK ON A SPECIFIC SITE OR LEGEND TO VIEW SITE PROFILES

LABORATORY SERVICES

SGS's laboratory team provides complete pharmaceutical development and analytical services with its international, harmonized, and wholly-owned GLP/GMP/GCP bioanalytical, biosafety, characterization and quality control for small and large molecules laboratory network.



BIOLOGICS CHARACTERIZATION AND BIOSAFETY

SGS has unrivaled expertise in glycoprotein analysis, gained from over 30 years experience in peptides, proteins, glycoproteins (including antibodies and biosimilars), oligonucleotides and vaccines. SGS's offering for biopharmaceuticals is complemented by extensive experience in the biosafety testing ensuring drug products are free of contaminants. Our biopharmaceutical services portfolio is available at all stages of development, from GLP discovery to GMP manufacturing.
All analyses are designed to conform with the global regulatory guidelines (FDA/USP/EMA/Ph.Eur./ICH).

SERVICES

Preclinical › Exploratory Development › Confirmatory Development › Post-Approval › Routine Production › Trade Distribution

LABORATORY SERVICES

Biologics Characterization and Biosafety

- Method Development, Optimization & Validation
- Amino Acid Sequencing and Analysis (Edman, MS/MS)
- Peptide Mapping by MS
- Disulfide Analysis
- Glycosylation - Monosaccharides, Sialic Acid, Linkage, Glycan Profile, and Site Analysis
- Post-Translational Modification Analysis
- Isoform and Electrophoretic Patterns
- Extinction Coefficient
- LC Patterns (SEC, RP, IEX)
- FTR and Fluorescence to Spectrometric Profile (CD, DSC, NMR)
- Aggregation Analysis (AUC, SEC-MALS, DLS)
- Characterization of Process and Product-Related Impurities
- Stability and Pre/Formulation
- Biosafety Testing
  - Cell Bank and Virus Seeds Characterization - Electron Microscopy Studies
  - Raw Material and Bulk Harvest Testing (Sterility, Mycoplasma, Viruses)
  - Final Product Testing for Residual DNA and Host Cell Protein

LABORATORY CAPABILITIES PER SITE

LABORATORIES	COUNTRY	ANALYTICAL CHEMISTRY	MICRO-BIOLOGY	STABILITY STUDIES	METHOD DEV. & VALIDATION	CONTAINER TESTING	BIOPHARMA TESTING	BIO-SAFETY	BIO-ANALYSIS	PLANT/EQUIP'T QUALIFICATION
Toronto (Mississauga)	Canada	•	•	•	•	•	•	•	–	–
Chicago (Lincolnshire)	USA	•	•	•	•	•	–	–	–	–
New York (Fairfield)	USA	•	•	•	•	•	•	•	–	–
Philadelphia (West Chester)	USA	•	–	–	•	•	•	–	–	–
Los Angeles (Carson)*	USA	–	•	–	•	–	–	–	•	–
Brussels (Wavre)	Belgium	•	•	•	•	•	•	–	•	–
Paris (Clichy)	France	•	•	•	•	•	–	–	–	–
Poitiers	France	–	–	•	•	–	•	–	•	–
Berlin	Germany	•	–	•	•	•	–	–	–	–
Frankfurt (Taunusstein)	Germany	•	•	–	•	•	–	–	–	–
Freiburg	Germany	•	–	–	•	–	•	–	–	–
Geneva	Switzerland	•	–	–	•	–	•	–	•	–
Florence (Livorno)*	Italy	•	•	•	•	–	–	–	–	•
London (Wokingham)	UK	•	–	•	•	•	•	–	–	–
Glasgow	UK	•	•	–	•	–	•	•	–	–
Shanghai	China	•	•	•	•	–	–	–	–	–
Chennai	India	•	•	•	•	•	–	–	–	–
Mumbai (Navi)	India	•	•	•	•	•	–	–	–	–
Singapore	Singapore	•	•	•	•	–	–	–	–	–
Kaohsiung	Taiwan	•	–	–	–	–	–	–	–	–
Taipei	Taiwan	•	•	–	–	–	–	–	–	–

August 2014 ** New laboratory in 2014*

REGULATORY AND QUALITY MANAGEMENT OVERVIEW

LABORATORIES	COUNTRY	QUALITY MANAGEMENT SYSTEM	ISO STANDARD	US-FDA REGISTERED	US-FDA INSPECTED
Toronto (Mississauga)	Canada	GMP	9001/13485	•	•
Chicago (Lincolnshire)	USA	GMP/GLP	9001	•	•
New York (Fairfield)	USA	GMP	9001	•	•
Philadelphia (West Chester)	USA	GMP	–	•	•
Los Angeles (Carson)*	USA	GMP/GLP	–	•	–
Brussels (Wavre)	Belgium	GMP/GLP/GCP	17025	•	•
Paris (Clichy)	France	GMP	–	•	•
Poitiers	France	GMP/GLP/GCP	–	•	•
Berlin	Germany	GMP	–	•	•
Frankfurt (Taunusstein)	Germany	GMP	17025	•	•
Freiburg	Germany	GMP/GLP	–	•	•
Geneva	Switzerland	GMP/GLP	–	•	•
London (Wokingham)	UK	GMP/GLP	–	•	•
Glasgow	UK	GMP/GLP	–	•	–
Florence (Livorno)*	Italy	GMP	9001	–	–
Shanghai	China	GMP	17025	•	–
Chennai	India	GMP	17025	•	•
Mumbai (Navi)	India	GMP	17025	•	–
Singapore	Singapore	GMP	17025	•	•
Kaohsiung	Taiwan	–	17025	–	–
Taipei	Taiwan	–	17025	–	–

** New laboratory in 2014*

SGS WAVRE, BRUSSELS AREA – BELGIUM



SERVICES

Method Development & Validation	Biologics Safety Testing (Endotoxin, Virus, Mycoplasma …)
Analytical Chemistry – Batch Release	
Microbiological Testing	Potency Assays
Stability Studies	PK Bioanalysis (Small Molecules)
Host Cell Impurity Testing	Protein, Peptide Analysis & Quantification (PPB)
Cell-Based Assays	
Cell Line Characterization	

Size: 8,400 m²
Established: 1971
Employees: 121
Certifications: GLP/GCP/cGMP, ISO 17025
US-FDA registered & inspected
Site Manager: Wim Van Immerseel

Address: 10 Vieux Chemin du Poète
1301 Wavre, Belgium
Nearby: Brussels Airport
Tel: +32 10 42 11 11
email: be.pharmaqc@sgs.com
www.sgs.be/lifescience

SGS M-SCAN WOKINGHAM, LONDON AREA - UK



SERVICES

Method Development & Validation	Protein and Peptide Analysis and Quantification
Stability and Pre/Formulation	Proteomics
Biophysical Analysis	Antibody Drug Conjugate Analysis
Peptide, Protein, Glycoprotein & Antibody Characterization	Aggregation Analysis
Glycosylation (Monosaccharide, Sialic Acid & Linkage Analyses)	Pharmaceutical Analysis
Glycan Profiling Analysis	Extractables & Leachables
Post-Translational Modification Analysis	Product and Process-related Impurity Determination and Quantification
	Residual Solvent Analysis

Size: 2,100m²
Established: 1979
Employees: 72
Certifications: cGMP/GLP, US-FDA and MHRA registered & inspected
Site Manager: Dr. Chris Cox

Address: 2–3 Millars Business Centre, Fishponds Close
Wokingham, Berkshire RG41 2TZ, UK
Nearby: Heathrow Airport
Tel: +44 118 912 1190
email: uk.m-scan@sgs.com
www.sgs.com/biopharma

SGS VITROLOGY GLASGOW - UK



SERVICES	
Assay Development & Tech. Transfer	Regulatory Consultancy Services
Virology – *In Vitro* Adventitious Virus Assays and Cell Biology Assays	Cell & Virus Banks Characterization
	Raw Material and Bulk Harvest Testing
Electron Microscopy – Virus Particle Quantification & Identification	Drug Substance & Vaccine Batch Release Testing (Residual DNA & other residual process components)
RT Assays (FPERT & qPERT)	Cell Line Induction Studies with customized end-points
Retrovirus Infectivity Assays	
Custom Biosafety Assay Design	Cell Line & Virus Identity & Genetic Stability Testing, Massive Parallel Sequencing
Mycoplasma, Mycobacteria, Spiroplasma & Virus Detection by qPCR	
Bioanalytical Analysis	Stability Testing

Size: 1,124 m²
Established: 2007
Employees: 48
Certifications: cGMP / GLP, MHRA; US-FDA registered
Site Manager: Margaret Temple

Address: 5 South Avenue, Clydebank Business Park
Glasgow, G81 2LG, UK
Nearby: Glasgow Airport
Tel: +44 141 952 0022
email: biosafety@sgs.com
www.sgs.com/biopharma

SGS CLICHY, PARIS AREA – FRANCE



SERVICES	
Method Development & Validation	Utilities Testing and Monitoring (Gas, Air, Water & Surface)
Analytical Chemistry – Batch Release	Cleaning Validation (atomic absorption)
Microbiological Testing	Container Testing
Stability Studies	Medical Device Testing
Extractables & Leachables	Elemental Impurities Testing
Amino Acid Analysis	

Size: 2,500 m²
Established: 1994
Employees: 60
Certifications: cGMP, ANSM/ANSES inspected
US-FDA registered & inspected
Site Manager: Dr. Paul Beyou

Address: 20–22 rue Charles Paradinas
92583 Clichy cedex, France
Nearby: Paris Airports
Tel: +33 1 41 06 95 85
email: fr.pharmaqc@sgs.com
www.sgsgroup.fr/lifescience

SGS POITIERS – FRANCE



SERVICES

Immunoassay and LC-MS/MS Assay Development and Validation	Potency assays for characterisation, batch release and stability testing
PK Bioanalysis (Small and Large Molecules)	Immunogenicity
	Enzymatic Activity Assays
Biomarkers Testing (simplex and multiplex, cell-based assays and Cobas®6000)	Cell Based Assay (Neutralization Bioassays, Potency Assays, Cell Activation and Inhibition and FACS Analysis)
Bioanalytical Testing For Biosimilars	

Size: 3,200 m²
Established: 1980
Employees: 80
Certifications: GMP/GLP/GCP, US-FDA registered and inspected, ANSM inspected
Site Manager: Alain Renoux

Address: 90 Avenue des Hauts de la Chaume
86281 Saint-Benoit (Poitiers), France
Nearby: Paris Airports, TGV Train Station
Tel: +33 5 49 57 04 04
email: fr.pharmaqc@sgs.com
www.sgs.com/biopharma

SGS TAUNUSSTEIN, FRANKFURT AREA – GERMANY



SERVICES

Method Development & Validation	Utilities Testing and Monitoring (Gas, Air, Water & Surface)
Analytical Chemistry – Batch Release	
Microbiological Testing	Biologics Safety Testing (Endotoxin, Virus, Mycoplasma …)
Extractables & Leachables	
Elemental Impuriities Testing	Medical Device Testing

Size: 1,040 m²
Established: 1978
Employees: 60
Certifications: cGMP, ISO 17025
US-FDA registered & inspected
Site Managers: Dr. Sheida Hönlinger
Dr. Axel Wehrmann

Address: Im Maisel 14
65232 Taunusstein, Germany
Nearby: Frankfurt Airport
Tel: +49 6128 744 245
email: de.pharmaqc@sgs.com
www.de.sgs.com/lifescience

SGS BERLIN – GERMANY



SERVICES

Method Development & Validation	Extractables & Leachables
Analytical Chemistry – Batch Release	Cleaning Validation
Stability Studies	Elemental Impurities Testing
Container Testing	Particle Analysis

Size: 2,100 m²
Established: 1985
Employees: 61
Certifications: cGMP
US-FDA registered & inspected
Site Managers: Dr. Sheida Hönlinger
Dr. Hilde Brümmer

Address: Tegeler Weg 33
10589 Berlin, Germany
Nearby: Berlin Tegel Airport
Tel: +49 30 3460 7500
email: de.pharmaqc@sgs.com
www.de.sgs.com/lifescience

SGS M-SCAN FREIBURG - GERMANY



SERVICES

Method Development & Validation	Protein and Peptide Analysis and Quantification
Peptide, Protein, Glycoprotein & Antibody Characterization	Proteomics
Glycan Profiling Analysis	Aggregation Analysis
Post-Translational Modification Analysis	Product and Process-Related Impurity Determination

Size: 400 m²
Established: 2006
Employees: 9
Certifications: cGMP/GLP, US-FDA registered and inspected
Site Manager: Christian Wandschneider

Address: Engesserstr. 4a
79108 Freiburg i.Br., Germany
Nearby: Basel Airport
Tel: +49 761 611 677 60
email: de.m-scan@sgs.com
www.sgs.com/biopharma

SGS M-SCAN GENEVA - SWITZERLAND



SERVICES

Method Development & Validation	Glycosylation, incl. Monosaccharides, Sialic Acid and Linkage Analyses
Peptide, Protein, Glycoprotein & Antibody Characterization	Post-Translational Modification Analysis
PK Bioanalysis (Small Molecules, Peptides, Biopharmaceuticals)	Protein and Peptide Analysis and Quantification
	Proteomics
Glycan Profiling Analysis	Product and Process-Related Impurity Determination and Quantification

Size: 600 m²
Established: 1991
Employees: 15
Certifications: cGMP/GLP
US-FDA registered & inspected
Site Manager: Dr. Luc-Alain Savoy

Address: 12 Chemin des Aulx
1228 Plan-les-Ouates (Geneva), Switzerland
Nearby: Geneva Airport and TGV Train Station
Tel: +41 22 794 83 74
email: ch.m-scan@sgs.com
www.sgs.com/biopharma

SGS LIVORNO, FLORENCE AREA - ITALY



SERVICES

Method Development & Validation	Equipment Validation
Analytical Chemistry – Batch release	Instrument Calibration (ISO 17025)
Microbiological Testing	IT Compliance and Validation
	Process & Quality Support
Stability Tests	Regulatory Affairs

Size: 1,085 m²
Established: Sept 2013
Employees: 25
Certifications: ISO 9001, cGMP
Site Manager: Marco Benvenuti

Address: Via Cimarosa, 95/105, Livorno, Italy
Nearby: Florence and Pisa Airports
Tel: +39 0586 852591
email: it.pharmaqc@sgs.com
www.sgsgroup.it/lifescience

SGS MISSISSAUGA, TORONTO AREA – CANADA



SERVICES

Method Development & Validation	Cell Bank/Line Characterization (Molecular Biology, Phenotypic…)
Cleaning Validation	Biologics Safety Testing (Endotoxin, Mycoplasma, Host Cell Protein & Host Cell DNA Analysis)
Analytical Chemistry – Batch Release	
GC/MS, LC/MS-MS and ICP-MS	Host Cell Impurity Testing
Microbiological Testing	Cell-Based Assays
Stability Studies	Protein/Peptide Characterization
Container/Packaging Testing (Physical, E&L…)	Protein/Peptide Analysis & Quantification (HPLC, CE, CEIEF…)
Cell Banking (including Stability)	Immunoligand Assays
Microbial Disinfectant Efficacy Studies	

Size: 4,300 m²
Established: 1984
Employees: 125
Certifications: cGMP, ISO 9001: 2008 & 13485: 2003
US-FDA registered & inspected
Site Manager: Michael Lindsay

Address: 6490 Vipond Drive
Mississauga, ON, L5T 1W8, Canada
Nearby: Toronto Pearson Airport
Tel: +1 905 364 3757
email: ca.pharmaqc@sgs.com
www.sgs.ca/lifescience

SGS LINCOLNSHIRE, CHICAGO AREA – USA



SERVICES

Method Development & Validation	Utilities Qualification and Monitoring (Gas, Air, Water & Surface)
Analytical Chemistry – Batch Release	Medical Device Testing
Microbiological Testing	Biologics Safety Testing (Endotoxin)
Stability Studies	Formulation/Pre-formulation Services
Container Testing	Biosafety Level 2 Sample Processing Center

Size: 3,700 m²
Established: 1972
Employees: 95
Certifications: cGMP/GLP, ISO 9001
US-FDA registered & inspected
Site Manager: Richard Bunnell

Address: 616 Heathrow Drive
Lincolnshire, IL 60069, USA
Nearby: Chicago O'Hare Airport
Tel: +1 847 821 8900
email: us.pharmaqc@sgs.com
www.sgsgroup.us.com/lifescience

SGS FAIRFIELD, NEW YORK AREA – USA



SERVICES

Method Development & Validation	Safety Studies *in vitro*
Analytical Chemistry – Batch Release	Medical Device Testing
Stability Studies, Formulation/ Preformulation	Bioanalytical Testing of Biosimilars/ Proteins/Peptides
Microbiological Testing	Immuno/Enzymatic/Potency/Bio Assays
Container Testing	
Extractables & Leachables	Utilities Qualification and Monitoring (Gas, Air, Water & Surface)
Biologics Safety Testing (Endotoxin)	

Size: 3,345 m^2
Established: 1995
Employees: 50
Certifications: cGMP, ISO 9001
US-FDA registered & inspected
Site Manager: Richard Bunnell

Address: 75 Passaic Avenue
Fairfield, NJ 07004, USA
Nearby: Newark Liberty Airport
Tel: +1 973 244 2435
email: us.pharmaqc@sgs.com
www.sgsgroup.us.com/lifescience

SGS M-SCAN WEST CHESTER, PHILADELPHIA AREA – USA



SERVICES

Method Development & Validation	Proteomics
Peptide, Protein, Glycoprotein & Antibody Characterization	Oligonucleotide Analysis
	Pharmaceutical Analysis
Glycosylation, including Mono-saccharide and Sialic Acid Analysis	Unknown Identification
Glycan Profiling Analysis	Product and Process-related Impurity Determination
Post-Translational Modification Analysis	
	Residual Analysis
Protein and Peptide Sequencing & Quantification Analysis	Quantitative Mass Spectrometric Analysis

Size: 1,200 m²
Established: 1984
Employees: 16
Certifications: cGMP, US-FDA registered & inspected
DEA licensed
Site Manager: Dr. Mark Rogers

Address: 606 Brandywine Parkway
West Chester, PA 19380, USA
Nearby: Philadelphia International Airport
Tel: +1 610 696 8210/8240
email: us.m-scan@sgs.com
www.sgs.com/biopharma

SGS CARSON, LOS ANGELES AREA - USA



SERVICES

Immunoassay Method Transfer, Development, Validation and Sample Analysis	Biomarkers Testing (simplex and multiplex)
	Immunogenicity
	Microbiological Testing
Large Molecule Bioanalysis	Biologics Safety Testing (Endotoxin)
PK bioanalysis (Large Molecules)	Sterility Testing /Environmental Monitoring

Size: 700 m²
Established: 2014
Employees: 6
Certifications: GMP/GLP, US-FDA registered
Site Manager: Dr. Jihye Jang Lee

Address: 20535 Belshaw Ave,
Carson, CA 90746, USA
Nearby: LAX Airport, Long Beach Airport
Tel: +1 310 885 3792
email: us.pharmaqc@sgs.com
www.sgsgroup.us.com/lifescience

SGS SHANGHAI – CHINA



SERVICES

- Method Development and Validation
- Analytical Chemistry – Batch Release
- Healthcare Product/Healthcare Supplement Testing
- Medical Device Testing
- Microbiological Testing
- Elemental Impurities Testing by ICP-MS
- Stability Studies
- Traditional Chinese Medicine Testing

Size: 1,500 m²
Established: 2006
Employees: 75
Certifications: cGMP, ISO 17025
US-FDA registered
Site Manager: Andy Yi

Address: 9/F, 3rd Building No.889, Yishan Road
200233 Shanghai, China
Nearby: Shanghai Hongqiao Airport
Tel: +86 21 6107 2718
email: cn.pharmaqc@sgs.com
www.cn.sgs.com/lifescience

SGS CHENNAI – INDIA



SERVICES

- Method Development and Validation
- Analytical Chemistry – Batch Release
- Utilities Qualification and Monitoring (Gas, Air, Water & Surface)
- Healthcare Product/Healthcare Supplement Testing
- Medical Device Testing
- Microbiological Testing
- Safety Studies (*in vitro*)
- Stability Studies

Size: 1,850 m²
Established: 2005
Employees: 60
Certifications: cGMP, ISO 17025, WHO-prequalified, US-FDA registered & inspected
Site Manager: Janakiraman Arun

Address: 2nd Floor, TICEL Bio Park Ltd, Taramani Road, Chennai 600 113, India
Nearby: Chennai Airport
Tel: +91 44 6462 9711 to 9715
email: in.pharmaqc@sgs.com
www.sgsgroup.in/lifescience

SGS MUMBAI (NAVI) – INDIA



SERVICES

Method Development & Validation	Stability Studies (ICH) & Storage
Analytical Chemistry – Batch Release	Residual Solvent Analysis
Utilities Qualification and Monitoring (Gas, Air, Water & Surface)	Cleaning Validation
	Microbiological Testing

Size: 1,393 m²
Established: 2012
Employees: 65
Certifications: cGMP, ISO 17025, US-FDA and Local FDA registered
Site Manager: Janakiraman Arun

Address: Plot No. A 773, MIDC, TTC Industrial Area, Koparkhairane, Navi-Mumbai, 400701, India
Nearby: Mumbai Airport
Tel: +91 22 6457 2540 45
email: in.pharmaqc@sgs.com
www.sgsgroup.in/lifescience

SGS SINGAPORE



SERVICES

- Method Development and Validation
- Analytical Chemistry – Batch Release
- Utilities Qualification and Monitoring (Gas, Air, Water & Surface)
- Healthcare Product/Healthcare Supplement Testing
- Medical Device Testing
- Microbiological Testing
- Stability Studies
- Traditional Chinese Medicine Testing

Size: 497 m²
Established: 2006
Employees: 20
Certifications: cGMP, ISO 17025
US-FDA registered & inspected
Site Manager: Sethu Ragupathy

Address: 3 Toh Tuck Link, #01–02/03,
Singapore 596228, Singapore
Nearby: Changi Airport
Tel: +65 63790 111
email: sg.pharmaqc@sgs.com
www.sgs.sg/lifescience

SGS TAIPEI & KAOHSIUNG – TAIWAN



SERVICES

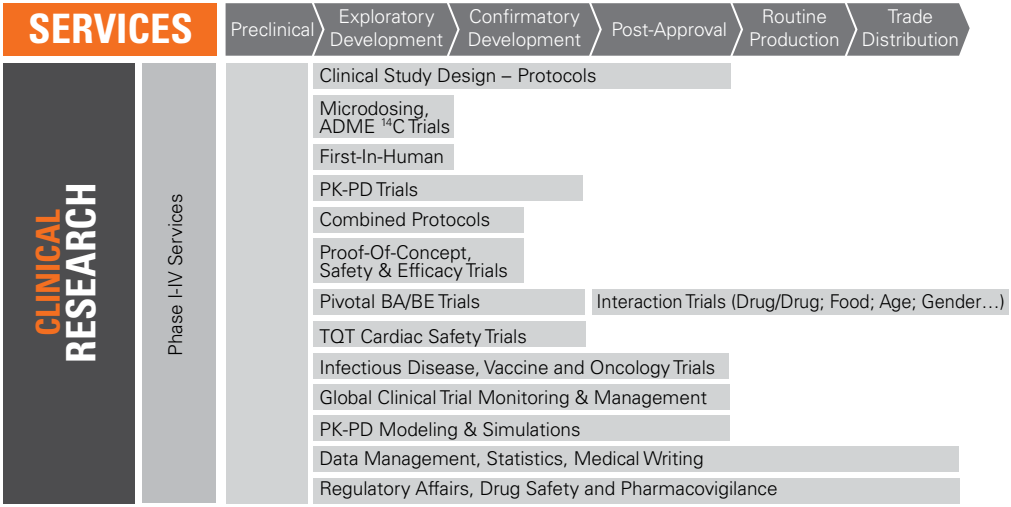
Method Development and Validation	Healthcare Product/Healthcare Supplement Testing
Analytical Chemistry	Medical Device Testing
Microbiological Testing	Stability Studies
Container Testing	Traditional Chinese Medicine Testing
Extractables and Leachables	
Drug Abuse Testing	
Cosmetic Testing	

Size: 819 m²
Established: 2003
Employees: 48
Certifications: ISO 17025
Site Manager: Dr. Clark Chu

Address: No. 38, Wu Chyuan 7th Rd., New Taipei Industrial Park, Wu Ku District, New Taipei City, 24890, Taiwan (R.O.C.)
Nearby: Taiwan Taoyuan Airport
Tel: +886 2 2299 3279/7300/7301/7310/7100
email: tw.pharmaqc@sgs.com
www.tw.sgs.com/lifescience

CLINICAL RESEARCH

SGS is one of Europe's largest First-In-Human clinical pharmacology center and patient trial service provider. With a total capacity of 92 hospital beds and 8 clinical trial offices, SGS has the expertise to develop, deliver, and support on-time complex trials, screening, and large scale international studies focusing on vaccines, infectious and respiratory diseases.



SGS ANTWERP (STUIVENBERG) – BELGIUM



SERVICES

Phase I–IIa, First-In-Human	TQTc Cardiac Safety Trials
PK-PD & ADME ^{14}C Trials	Pivotal BA/BE Trials
Combined Protocols	Vaccine Trials
Proof Of Concept (POC), POM, POP	Viral Inoculation trials and trials using GMOs - Quarantine Facilities
Interaction Trials (Drug/Drug; Food; Age; Gender)	Full GMP Pharmacy for formulation
	CSF Sampling
Early patients clinical trials – SMO	eSource clinic automation

Hospitalisation area: 92 beds
Size: 3,500 m²
Established: 1980
Employees: 60
Certifications: GCP, US-FDA inspected, GMP accredited pharmacy
Site Managers: Annick Van Riel and Omer Van Schoor

Address: Stuivenberg Hospital,
Lange Beeldekensstraat, 267
2060 Antwerpen, Belgium
Nearby: Antwerp Thalys Train Station
Tel: + 32 32 17 25 60
email: clinicalresearch@sgs.com
www.sgs.be/lifescience

SGS ANTWERP (NOORDERLAAN) – BELGIUM



SERVICES

International & Local Clinical Project Management and Monitoring	eCTD (Incl. Creation Of Compliant Dossiers and eSubmission)
Consultancy & Study Design	Pharmacovigilance Strategies / Safety Database / Report Writing / Case Management
Country-Specific Feasibility Studies (Europe and CEE)	Safety Evaluation and Submission Support
Clinical Site Evaluation and Selection	Qualified Person For Pharmacovigilance, Batch Release, Medical Information
Regulatory Support Services from Pre-Clinical to Post-Marketing	Therapeutic Focus : Infectious Disease – Vaccines – Oncology – Respiratory
Clinical Trial / Marketing Authorization Applications & Product License Maintenance	

Established : 1980
Employees : 115
Certifications : GCP / ICH
Site Manager: Jean-Luc Marsat

Address : Noorderlaan 87
2030 Antwerpen, Belgium
Nearby : Antwerp Thalys Train
Tel : +32 35 45 44 11
email : clinicalresearch@sgs.com
www.sgs.be/lifescience

SGS MECHELEN, BRUSSELS AREA – BELGIUM



SERVICES

Full Biometric Services From Phase I To Post-Approval	Full EDC/IRT Services
Data Management	CDISC Registered Solution Provider: SDTM, ADaM, CDASH and Define.xml
PK/PD Modeling & Simulation Analysis	
Secure Data Office	Clintrial, InForm™ & Central Designer™, Rave®, eClinical OSTM, SAS®, WinNonlin®…
Report Writing	

Established: 1995
Employees: 220
Compliance: CFR Part 11 FDA/GCP/ICH
Site Managers: Luc Braeken
Eric Snoek

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2800 Mechelen, Belgium
Nearby: Brussels Airport and Thalys Train
Tel: +32 15 27 32 45
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SGS GERMANTOWN, WASHINGTON, DC AREA – USA



SERVICES

International & Local Trial Management and Monitoring	IND Writing, Submission and Management
Consulting & Study Design	Pharmacovigilance Strategies / Safety Database / Report Writing / Case Management
Country-Specific Feasibility Studies (North and South America)	
Clinical Site Evaluation and Selection	Therapeutic Focus: Infectious Disease – Vaccines – Oncology – CNS – Respiratory – Dermatology
Full Regulatory Support Services From Pre-Clinical To Post-Marketing	

Established: 2000
Employees: 27
Certifications: GCP/ICH
Site Manager: Stefan Comhaire

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