## Stabilis－Liste équipes de recherche

| Land | Plassering | Typen | Navn | Referanser |
| :---: | :---: | :---: | :---: | :---: |
| 4 | Glattbrugg | 14 | Vifor Pharma | 1 |
| － | Juiz de Fora | 14 | Ortofarma－Quality Control Laboratories | 10 |
| 侸 | Commack | 14 | Forest Laboratories | 1 |
| 侸 | San Francisco | 14 | Theravance Biopharma | 3 |
| 翟 | Saint Louis | 1.1 | Dynalabs | 11 |
| 可 | Mount Prospect | 14 | Arnar－Stone laboratories | 2 |
| 些豆 | Round Lake | 14 | Baxter Healthcare Corporation | 2 |
| 気 | Slingerlands | 14 | Retinaconsultants | 1 |
| 翟 | Marlborough | 14 | Sepracor Inc | 2 |
| 氞 | Whitehouse | $\pm$ | Merck manufacturing Division | 1 |
| 弐 | Foster City | 14 | Gilead Sciences | 2 |
| 恝畐 | Kansas City | 14 | Marion Merrell Dow | 1 |
| 翟 | Seattle | 14 | Home Infusion Therapy，Group Health Cooperative | 1 |
| 氞 | San Francisco | 14 | Elan Pharmaceuticals Inc | 6 |
| 翟 | King of Prussia | 14 | SmithKline Beecham Pharmaceuticals | 3 |
| $\square$ | Bäle | 1.4 | F．Hoffman La Roche Ltd | 3 |
| 翟是 | San Francisco | 14 | Genentech，Inc | 5 |
| $\mathbb{N N}$ | Dagenham | 1．4 | Sanofi－Aventis，Analytical Development | 2 |
| 気 | West Point | 1.1 | Merck and Co | 7 |
|  | Freising | 14 | Fraunhofer Institute for Process Engineering and Packaging | 1 |
| 4 | Le Lode | 14 | Codman Neuro Sciences SA RL | 1 |
| 氣 | Raritan | 14 | Johnson \＆Johnson Pharmaceutical Research \＆Development | 4 |
| 侸 | Napa | 1.1 | Dey L．P，Analytical Development | 1 |
| 弐 | Nutley | 14 | Roche Laboratories | 2 |
|  | Nivelles | 1.1 | Baxter R\＆D Europe | 2 |
| 翟 | Indianapolis | 14 | Eli Lilly and Company，Lilly Research Laboratories | 8 |
| 里 | Hazelwood | 14 | Mallinckrodt Pharmaceuticals | 1 |
| 氧 | Flemington | 14 | NovaDel Pharma Inc | 1 |
| 氞 | Ann Arbor | 4 | Pfizer Global Research \＆Development | 1 |


| 翟自 | Westborough | 1. | AstraZeneca LP | 2 |
| :---: | :---: | :---: | :---: | :---: |
| 些 | Oklaoma City | 1 | Analytical Research Laboratories（T．C．K．） | 2 |
| ． | Skokie | $\pm$ | Pfizer Inc | 2 |
|  | Friedberg | $\pm$ | Fresenius Kabi，Innovation Centre i．v．Therapies | 4 |
| － | search Triangle Pa | 1. | United Therapeutics corporation | 2 |
| － | Mineapolis | 1. | Medtronic，Inc | 2 |
| $\square$ | Sophia Antipolis | $\pm$ | Galderma R \＆D | 1 |
| R | Wilmington | 1 | Zeneca Pharma | 2 |
|  | Hannovre | I．1 | Solvay Pharmaceuticals GmBh | 1 |
| － | Collegeville | 1 | Rhône－Poulenc Rorer Research and Development | 1 |
| 员 | Seattle | $\pm$ | Immunex Corporation | 1 |
| － | Wilmington | 1. | DuPont Merck Pharmaceutical Company | 1 |
| $\bullet$ | Richmond Hill | $\pm$ | Loyal True Blue \＆Orange Research Institute | 1 |
| $\square \mathrm{La}$ | Chaussée Saint Vi | Lu | Laboratoires Chaix et du Marais | 1 |
| － | Baltimore | $\pm$ | Alpharma，Research and Development | 1 |
| 品 | Hatfield | $\pm$ | Mayron Research Laboratories | 1 |
| － | Philadelphie | $\pm$ | Smith Kline and French Laboratories | 4 |
| － | West Haven | $\pm$ | Bayer Corporation，Pharmaceutical Division | 1 |
| － | Murray Hill | $\pm$ | Ohmeda Pharmaceutical Products Division | 1 |
| － | Buffalo | 4 | Parkview Health Services | 1 |
| － | Rouses Point | 1 | Wyeth Ayerst research | 2 |
| $\cdots$ | Ottawa | $\pm$ | Health and Welfare Canada，Banting Research Center | 1 |
| 最 | Stockton | $\pm$ | Stockton Developmental Center，Department of Pharmacy | 1 |
| 同 | Baltimore | 1 | A．L Laboratories，Inc | 1 |
| －年 | Abbott Park | 1. | Abbott Laboratories，Hospital Products Division | 2 |
| －量 | North Chicago | $\pm$ | Abbott Laboratories，North Chicago | 3 |
| 策？ | Mulgrave | 1. | David Bull Laboratories | 1 |
| $\square$ | Oullins | $\pm$ | Laboratoire Lederlé，Recherche et Développement | 2 |
| －目 | Palo Alto | $\pm$ | Syntex Research | 2 |
|  | Delft | $\pm$ | Diagnostic Center SSDZ | 1 |
| Nive | Dagenham | $\pm$ | May \＆Baker Laboratories | 1 |
| $\square$ | Espoo | $\pm$ | Orion Pharmaceuticals | 2 |


| $\mathbb{N}$ | Middlesex | 4．10 | Beecham Pharmaceuticals | 1 |
| :---: | :---: | :---: | :---: | :---: |
| 泰 | Groton | 4. | Pfizer Inc | 1 |
| 属 | Rochester | 4．1 | Bausch et Lomb Co | 1 |
|  | Oslo | 4．14 | Travenol Laboratories | 1 |
| 疗 | Indianapolis | 4 | Merrell Dow Pharmaceuticals Inc，Pharmacy Research Department | 1 |
| 非 | Mac Gaw Park | $1$ | American Critical Care | 7 |
| 氯 | Greenville | 14 | Burroughs Wellcome Company | 2 |
| 录 | Kalamazoo | $11$ | Upjohn Company，Clinical Biopharmaceutics Research | 3 |
| $\mathbb{N}$ | Nottingham | $\pm 1$ | The Boots Company，Formulation Research Group | 1 |
|  | Helsinki | 4 | Orion Pharmaceutical Co | 1 |
| $\frac{\mathbb{N}}{2 N}$ | Brentford | 14 | Beecham Pharmaceuticals，Formulation Development Department | 1 |
| 泰 | New Brunswick | $1$ | Squibb Institute for Medical Research | 1 |
| 寿 | Mac Gaw Park | 4．10 | Arnar Stone Laboratory | 1 |
| $\mathbb{N} \mathbb{N}$ | Windlesham | 14 | Lilly research Center | 1 |
| 非 | Waukegan | 4．10 | Du pont Critical Care，Pharmaceutical Development Department | 2 |
| 些 | Skillman | 14 | Johnson \＆Johnson Baby Producy Co | 1 |
| $\square$ | Bad Homburg | 14 | Fresenius AG，Innovation－Zentrum IV Therapien | 1 |
| 翟 | Chicago | 14 | Michael Reese Research Fundation | 2 |
| 䍂 | New York | 14 | Pfizer Inc，Roerig Division | 1 |
| 表 | Syracuse | 4 | Bristol Laboratories，Product Development R | 2 |
| 年 | Evansville | 14 | Mead Johnson and Company，Resaerch Center | 1 |
|  | Santa Ana | 14 | American McGaw，Division of American Hospital Supply Corporation | 1 |
| 年 | Bloomfield | 4 | Schering－Plough Corporation | 2 |
| 管 | Rensselaer | 14 | Sterling－Winthrop Research Institute | 1 |
| $\bigcirc$ | Tokyo | 4 | Daiichi Pharmaceuticals，Tokyo Research and Development Center | 2 |
| 年 | Lexington | 4 | Cubist Pharmaceuticals | 1 |
|  | Copenhague | 4 | Dumex Ltd | 1 |
| ＂0\％ | Incheon | 4 | R\＆D Division，Biotechnology Research Institute，Celltrion | 2 |
| 年 | Waltham | 4 | TESARO Inc，Waltham | 4 |
| 些 | Houston | 14 | Professional Compounding Centers of America（PCCA） | 3 |
| 年 | West Chester | 4 | Teva Branded Pharmaceutical Products R\＆D | 1 |
| $\square$ | Kundl | 4 | Sandoz Biopharmaceuticals，Sandoz GmbH | 1 |


|  | Capelle aan den IJssel | 1.1 | Fagron Netherlands | 1 |
| :---: | :---: | :---: | :---: | :---: |
| $\bigcirc$ | Incheon | 1．10 | Quality Evaluation Team，Samsung Bioepis Co | 4 |
| － | Menges | 4 | Novartis，Menges，Slovenia | 2 |
| 翟 | Cambridge |  | Amgen Inc，USA | 3 |
| 侸 | Saint Paul | I．1． | Fagron North America | 1 |
| $\pm$ | Montreal | $\pm$ | Medisca Pharmaceutique Inc． | 1 |
|  | Rotterdam | 1.1 | Fagron BV | 2 |
| 気 | San Diego | 1.1 | ACADIA Pharmaceuticals | 1 |
| $8$ | Ljubljana | 4 | Sandoz Pharmaceuticals | 1 |
| 兑搨 | Irvine | $\pm$ | Spectrum Pharmaceuticals Inc．，Irvine，CA | 1 |
| 翟 | King of Prussia | 1 | Paratek Pharmaceuticals，King of Prussia，USA． | 1 |
|  | Frankfort | 1 | Sanofi，Industriepark H€ochst，65926，Frankfurt Hoechst，Germany | 1 |
| 氞 | Andover | $\pm$ | Pharmaceutical Research and Development，Pfizer Inc | 2 |
|  | Paris | aid | University Hospital Hôtel Dieu，Paris | 7 |
| 4 | Vancouver | aid | Children\＇s and Women\＇s Health Center of British Columbia | 22 |
| 些贯 | Hartford | aid | Center for Anti－Infective Research and Development | 11 |
| 身 | Houston | aid | M．D．Anderson Cancer Center | 138 |
| ＊\％ | Melbourne | ail | Pharmacy Department，Alfred Health | 2 |
| 3 | Palma de Mallorque | aid | Hôpital Universitari Son Espases | 7 |
| ＂首 | Philadelphie | $\mathrm{Ci}^{+}$ | Christopher＇s Hospital for Children | 1 |
| 里 | Chicago | ai | Memorial Hospital | 1 |
| 戌 | Bethesda | aid | National Institutes of Health Clinical Center | 18 |
| $\square$ | Dublin | $\mathrm{OH}^{+}$ | Royal College of Surgeons | 1 |
|  | Créteil | ail | Henri Mondor University Hospital，Department of Pharmacy | 31 |
| $\square$ | Ferrara | aid | Department of Chemical and Pharmaceutical Sciences，University of Ferrara | 2 |
| 氞 | Boston | ail | Massachusetts Eye and Ear Infirmary，Harvard Medical School | 2 |
|  | Paris | aid | Clinical Pharmacy Department，University Hospital Necker－Enfants Malades | 11 |
| ＊\％ | New South Wales | $\mathrm{OH}^{+}$ | Prince of Wales Hospital | 2 |
| $\square$ | Paris | $\mathrm{O}^{+}$ | University Hospital Pitié－Salpétrière，Department of pharmacy | 9 |
| $\square$ | Nancy | aid | University Hospital of Nancy，Department of Pharmacy | 38 |
| $\square$ | Buenos Aires | 인 | Pediatric Hospital，Buenos Aeres | 1 |
| $\square$ | Mont Godinne | avi | Drug Stability Research Group（DSRG）－CHU UCL NAMUR，site de Godinne | 51 |


| 4 | Genève | 아 | University Hospital of Geneva | 11 |
| :---: | :---: | :---: | :---: | :---: |
|  | Fribourg | 이 | University Hospital Freiburg，Department of Pharmacy | 10 |
|  | Mayence | $\mathrm{O}^{+}$ | University Medical Center，Johannes Gutenberg | 39 |
|  | Clermont－Ferrand | $\mathrm{OH}^{+}$ | University Hospital Gabriel Monpied，Department of Pharmacy | 25 |
|  | Bondy | $\mathrm{O}^{+}$ | University Hospital Jean Verdier，Department of Pharmacy | 15 |
| $\square$ | Montpellier | (iv) | Oncopharmacology Laboratory，Val D＇Aurelle Cancer Center | 9 |
| $\square$ | Lausanne | 이 | University Hospital，Department of Pharmacy | 12 |
| $\square$ | Villejuif | 빈 | Institut Gustave Roussy，Department of Pharmacy | 8 |
|  | Amsterdam | 빈 | Academic Medical center，Department of Pharmacy | 7 |
|  | Rotterdam | $\mathrm{O}^{+}$ | Erasmus MC University Hospital，Department of Pharmacy | 5 |
| $\square$ | Nimes | (i1) | Caremeau Hospital，Pharmacy Department | 6 |
| ＝青 | Akron | (il | Akron Children\＇s Hospital，Department of Pharmacy | 1 |
| $\pm$ | Montreal | 이 | Jewish General Hospital，Pharmacy Department | 3 |
| ＊ | Wooloongabba | 비 | Princess Alexandra Hospital，Pharmacy department | 3 |
| 3 | Alicante | $\stackrel{+1}{\mathrm{O}^{+}}$ | Plataforma de Oncología．Hospital Quirón | 1 |
| $\pm$ | Toronto | (i1) | Sunnybrook Health Sciences Center | 72 |
| 年 | Boston | aid | Brigham and women\＇s hospital | 17 |
| 4 | Ottawa | iㅣ | The Ottawa Hospital，department of Pharmacy | 33 |
| $\square$ | Paris | (iv | University Hospital Saint Louis，Department of Pharmacy | 2 |
| \％ | Séville | $\mathrm{O}^{+}$ | University Hospital＂Virgen del Rocío，Department of Pharmacy | 8 |
|  | Stockholm | $\mathrm{O}^{+}$ | Karolinska Hospital，Pharmacy department | 1 |
| $\bigcirc$ | Kanazawa | (ivi | Kanazawa Municipal Hospita，Department of Pharmacy | 1 |
| 寿 | Boston | $\mathrm{O}^{+}$ | Massachusetts General Hospital | 1 |
| 年 | Indianapolis | (i1) | Riley Hospital for Children | 8 |
| \％\％ | Victoria | 분 | Austin Health，Pharmacy Department | 1 |
|  | Marseille | $\mathrm{Cl}^{+}$ | La Timone University Teaching Hospital，Pharmacy Department | 10 |
| $\mathbb{Z N}$ | Plymouth | 빈 | Derriford Hospital，Department of Pharmacy | 8 |
| 㗉 | Columbus | $\mathrm{OH}^{+}$ | The Ohio State University Hospitals，Department of Pharmacy | 56 |
| 寿 | New York | 비 | Memorial Sloan－Kettering Cancer Center | 4 |
| 疗 | New York | (i1) | The Mount Sinai Hospital | 1 |
| 寿 | Houston | 빈 | Memorial Hermann，Texas Medical Center | 1 |
| 3 | Barcelone | $\mathrm{O}^{+}$ | Hospital General Universitario Vall d\＇Hebron | 4 |


| 4 | Solothurn | $\mathrm{OH}^{+}$ | Bürgerspital，Department of pharmacy， | 1 |
| :---: | :---: | :---: | :---: | :---: |
| 䍂 | Leeds |  | The general infirmary，Leeds，Department of Pharmacy | 2 |
| $\pm$ | Ottawa | $\mathrm{OH}^{+}$ | Children＇s Hospital of Eastern Ontario | 1 |
|  | Edmonton |  | Stolery Hospital Children\＇s，Department of Pharmacy | 3 |
|  | Rochester | $\mathrm{O}^{+}$ | Mayo Clinic，Department of pharmacy | 8 |
|  | Salt Lake City | $\mathrm{O}^{+}$ | Primary children\＇s hospital，department of Pharmacy | 4 |
|  | Boston | $\mathrm{O}^{+}$ | Boston Medical Center | 1 |
| $\square$ | Trente | $\mathrm{Cl}^{+}$ | Azienda Provinciale Servizi Sanitari | 1 |
|  | Toronto | $\mathrm{O}^{+}$ | The Hospital for Sick Children，Department of Pharmacy， | 11 |
|  | Charleroi | $\mathrm{O}^{+}$ | CHU de Charleroi，Department of Radiology | 1 |
| $\square$ | Kuopio | $\mathrm{CO}^{+}$ | Kuopio University Hospital | 5 |
|  | Travis AFB | $\mathrm{Cl}^{+}$ | David Grant Medical Center，Travis Air Force bas | 2 |
| $\square$ | Paris | $\mathrm{Cl}^{+}$ | Pharmacie centrale des hôpitaux de Paris | 3 |
|  | Montreal | $\mathrm{Cl}^{+}$ | Centre hospitalier Sainte Justine | 20 |
| $\mathbb{N} \mathbb{N}$ | Stockport | $\mathrm{O}^{+}$ | Stepping Hill Hospital，Quality Control North Wes | 10 |
|  | Tubingen | $\mathrm{OH}^{+}$ | University Hospital Tübingen，Department of Pharmacy | 3 |
| 回 | Oslo | $\mathrm{OH}^{+}$ | The National Hospital（Rikshospitalet），The National Hospital Pharmacy | 8 |
| －或 | Rochester | $\mathrm{Cl}^{+}$ | University of Rochester Medical Center，Department of Pharmacy | 13 |
|  | Paris | $\mathrm{Cl}^{+}$ | Armand Trousseau Hospital，Department of Pharmacy | 2 |
| $\square$ | Barcelone | $\mathrm{O}^{+}$ | Hopital Clinic of Barcelona | 4 |
|  | Angers | $\mathrm{O}^{+}$ | University Hospital of Angers，Pharmacy Department | 7 |
| 恝事 | Whichita | $\mathrm{Ci}^{+}$ | Wesley Medical Cente，Department of Pharmacy | 1 |
| $\mathbb{N}$ | Londres | $\mathrm{OH}^{+}$ | Moorfields Eye Hospital，NIHR Biomedical Research Centre | 2 |
| $\square$ | Turin | $\mathrm{O}^{+}$ | Amedeo di Savoeia Hospital，Department of Pharmacy | 2 |
|  | Rennes | $\mathrm{Cl}^{+}$ | University Hospital Pontchaillou，Department of Pharmacy | 8 |
|  | Tîrgu Mureş | $\mathrm{CO}^{+}$ | Universitatea de Medicină şi Farmacie，Facultatea de Farmacie | 1 |
| $\square$ | Pékin | $\mathrm{Cl}^{+}$ | Peking Union Medical College Hospital，Pharmacy department | 1 |
| $\square$ | Strasbourg | $\mathrm{O}^{+}$ | University Hospital Strasbourg，Department of Pharmacy | 2 |
| C＊ | Izmir | $\mathrm{O}^{+}$ | Dokuz Eylul University，Departments of Anaesthesiology and Reanimation | 1 |
| $\square$ | Cordoba | $\mathrm{CO}^{+}$ | Farmacia Central，Hospital Nacional de Clínicas | 1 |
| 3 | Pampelone | $\mathrm{Cl}^{+}$ | University Hospital，Clinical Pharmacology Service | 2 |
| $\begin{aligned} & \mathbb{N} \mathbb{N} \\ & \mathbb{N} \mathbb{N} \end{aligned}$ | Kingston | $\mathrm{O}^{+}$ | Kingston University，Department of Pharmacy | 2 |


| 吅 | Sudro Hall |  | North Dakota State University，College of Pharmacy | 1 |
| :---: | :---: | :---: | :---: | :---: |
| $\square$ | Milan | $\mathrm{O}^{+}$ | Istituto di Ricerche Farmacologiche＇Mario Negri，Department of Neuroscience | 1 |
| ＊ | Adelaïde |  | Royal Adelaide Hospital，Department of Pharmacy | 4 |
| $\square$ | Bologne |  | Azienda Ospedaliero－universitaria di Bologna Farmacia Clinica | 2 |
| ＊ | Westmead |  | The Children\＇s hospital of Westmead，Pharmacy departmen | 1 |
| 里 | Sacramento |  | Mercy General Hospital | 1 |
| $\cdots \cdots$ | Yunnan |  | Kunming General Hospital of Chengdu Military Region | 1 |
| 韦 | Memphis |  | St Jude Children Student Hospital | 5 |
| ＊ | Brisbane |  | Royal Brisbane and Women\＇s Hospital | 3 |
|  | Caen |  | University Hospital，Clinical Research department | 1 |
| $\frac{\pi N}{2 N}$ | Rhyl |  | North Wales Cancer Treatment Centre | 1 |
| $\mathbb{Z N}$ | Banbury |  | Horton General Hospital | 1 |
| ＊ | Kogarah |  | St．George Hospital Clinical School，University of New South Wales | 1 |
| $\square$ | Nantes |  | University Hospital of Nantes，Pharmacotechnical Unit | 1 |
| ＊ | Taipei |  | National Taiwan University Hospital，Department of Anesthesiology | 2 |
| ＊ | Heidelberg Vic |  | Austin Health，Pharmacy department | 1 |
| 4 | Yverdon les Bains |  | Pharmacie des Hôpitaux du Nord Vaudois et de la Broye | 1 |
|  | Woerden |  | Apotheek Zuwe Hofpoort Ziekenhuis | 1 |
|  | Poitiers |  | Centre Hospitalier Universitaire de Poitiers | 5 |
| $\bigcirc$ | Tokyo |  | Nippon Medical School Hospital，Department of Pharmacy | 4 |
| $\cdots$ | Surrey |  | Surrey Memorial Hospital | 2 |
|  | Den Haag |  | Central Hospital Pharmacy，Haga Teaching Hospital | 1 |
| 3 | Castellón |  | Hospital General de Castellón，Servicio de Farmacia | 2 |
| $\bigcirc$ | Hiroshima |  | Hiroshima University Hospital，Department of Pharmaceutical Sciences | 1 |
|  | Metz |  | Hôpital d＇Instruction des Armées Legouest，service pharmacie | 1 |
| \％${ }^{3}$ | Murcia |  | Arrixaca University Hospital，Pharmacy Service | 1 |
| 戌 | Buffalo |  | Roswell Park Cancer Institute，Department of Pharmacy | 2 |
|  | Marseille |  | Marseille North Hospital，Department of Pharmacy | 2 |
| 戌 | Albany |  | Albany College of Pharmacy，Department of Pharmaceutical Sciences | 6 |
| 㖆 | Columbia |  | University of Missouri Hospital and Clinics | 1 |
| $\square$ | Odense |  | Odense University Hospital，Hospital Pharmacy | 1 |
|  | Paris |  | European University Hospital Georges Pompidou | 2 |


| ＊ | Taipei |  | National Defense Medical Center，School of Pharmacy | 10 |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbb{Z N}$ | Hastingwood |  | Princess Alexandra Hospital NHS Trust | 1 |
| ＊ | Taipei |  | Taipei Municipal Wang－Fang Hospital，Department of Pharmacy， | 1 |
| 䢒 | Saragosse |  | Hospital Royo Villanova，Servicio de Anestesiología y Reanimación | 1 |
| ＊ | Waratah |  | Newcastle Mater Misericordiae Hospital | 1 |
| 园 | Boston |  | Children＇s Hospital Boston | 1 |
| ＊ | Armadale |  | Armadale Hospital，Pharmacy department | 1 |
| 牙至： | Christchurch |  | Christchurh Hospital，Department of Clinical Pharmacology | 1 |
| 者 | Durham |  | Duke Hospital，Pharmacy Department | 4 |
| 戌 | Madera |  | Children＇s Hospital Central，Department of Pharmacy Services | 1 |
|  | Jena |  | Universitätkinikum Jena | 1 |
| $\mathbb{N N}$ | Stevenage |  | Lister Hospital，Quality Control Laboratory | 1 |
| $\%$ | Singapore |  | National University Hospital，Department of Anesthesia | 1 |
| 3 | Barcelone |  | Institut Català d＇Oncologia，Pharmacy Department | 1 |
|  | Paris | ${ }^{9+}$ | University Hospital Sainte－Anne，Department of Clinical Pharmacy | 2 |
| 目 | Cleveland |  | Cleveland Clinic Fundation | 2 |
|  | Pavie |  | Fondazione Salvatore Maugeri | 1 |
|  | Paris |  | Hôpital Robert Debré，Service pharmacie | 7 |
| \％ | Dallas |  | Parkland Health and Hospital System | 1 |
|  | Muenster |  | University Children\＇s Hospital Muenster | 2 |
| 戌 | Denver |  | National Jewish Medical and Research Center | 1 |
| ＊ | Adelaïde |  | Repatriation General Hospital，Pharmacy Department | 1 |
|  | Germain en L | ＋ | CHI Poissy Saint Germain en Laye－Service Pharmacie | 5 |
| \＃ | Winston－Salem |  | Wake Forrest University Baptist Medical Center | 1 |
| 3 | Malaga | ${ }^{+}$ | Hospital Materno Infantil，Servicio de Farmacia | 1 |
|  | Nijmegen | ＋ | University Hospital Nijmegen St Radboud，Department of Clinical Pharmacy | 3 |
|  | Rimini | ${ }^{+}$ | Infermi Hospital | 1 |
| 3 | Madrid |  | Hospital＂12 de Octubre＂，Servicio de Farmacia | 1 |
|  | Reims | $9^{+}$ | University Hospital Robert Debré，Pharmacy Department | 1 |
| ＝ | er Air Force B |  | 77th Medical Group，Department of Anesthesiology | 1 |
| ， | Brantford |  | Brantford General Hospital，Department of Pharmacy | 1 |
| 4 | Montreal | $0^{+}$ | Montreal Heart Institute | 1 |


|  | Lahr | $\mathrm{OH}^{+}$ | Klinikum Lahr | 3 |
| :---: | :---: | :---: | :---: | :---: |
| 永 | Northlake |  | Vencor Hospital Northlake | 1 |
| 翟 | Hartford | $\mathrm{OH}^{+}$ | Hartford Hospital，Department of Pharmacy Services | 8 |
| $\square$ | Créteil |  | Hôpital intercommunal de Créteil， | 2 |
|  | Lyon | $\mathrm{Cl}^{+}$ | Hôpital de la Croix Rousse，Service Pharmacie | 1 |
| 翟 | Columbus | $\mathrm{O}^{+}$ | Columbus Regional Healthcare System，Department of Pharmacy Services | 1 |
| ＊\％ | Launceston | $\mathrm{Cl}^{+}$ | Launceston General Hospital | 1 |
| $\bigcirc$ | Niigata | $\mathrm{O}^{+}$ | Niigata University Hospital，Division of Pharmacy | 1 |
| $\pm$ | Halifax | $\mathrm{O}^{+}$ | Halifax infirmary | 2 |
|  | Lund | $\mathrm{O}^{+}$ | University Hospital of Lund，Hospital Pharmacy | 1 |
| 些年 | Knoxville |  | Fort Sanders Regional Medical Center，Department of Pharmacy | 1 |
| 永完 | Chapel Hill | $\mathrm{O}^{+}$ | University of North Carolina Hospital，Department of Pharmacy | 4 |
| 品 | Akron | $\mathrm{O}^{+}$ | Summa Health System | 1 |
| 侸 | Baltimore | $\mathrm{O}^{+}$ | John Hopkins Hospital，Department of Pharmacy | 4 |
| 䍂 | Rochester | ${ }^{+1}$ | Mayo clinic，Division of Preventive Medicine | 1 |
|  | Lyon | $\mathrm{O}^{+}$ | Cancer Center Léon Bérard，Department of Pharmacy | 1 |
|  | Huddinge | $\mathrm{OH}^{+}$ | Huddinge University Hospital | 1 |
| 氯 | Atascadero | $\mathrm{O}^{+}$ | Atascadero State Hospital，Pharmacy Services | 3 |
| 翟 | Monroe | $\mathrm{CO}^{+}$ | Mercy Memorial Hospital，Department of Pharmacy | 1 |
|  | Dublin | $\mathrm{O}^{+}$ | Saint James Hospital，Department of Pharmacy | 2 |
| ＊\％ | Randwick | $\mathrm{Cl}^{+}$ | The Prince of Wales Hospital，Division of Anaesthesia and intensive care | 2 |
| 3 | Santander | $\mathrm{Ci}^{+}$ | Hospital Universitario Marqués de Valdecilla，Servicio de Farmacia | 1 |
| $\square$ | Dijon | $\mathrm{OH}^{+}$ | Centre Hospitalier La Chartreuse，Service pharmacie | 1 |
| 些青 | Dubuque | $\mathrm{O}^{+}$ | The Finley Hospital，Department of pharmacy | 1 |
| 永家 | Kansas City | $\mathrm{O}^{+}$ | University of Kansas Medical center，Department of Pediatrics | 3 |
| 侸 | Monroe | $\mathrm{Cl}^{+}$ | Valley general Hospital | 1 |
| 翟是 | Sacramento | $\mathrm{Cl}^{+}$ | University of California Davis medical center，Department of Pharmacy Services | 6 |
| 翟 | Saint Louis | $\mathrm{O}^{+}$ | Barnes Hospital，Department of Pharmacy | 2 |
|  | Amsterdam | $\mathrm{O}^{+}$ | Free University Hospital，Department of Pharmacy | 3 |
| 永青 | Worcester | $\mathrm{CO}^{+}$ | University of Massachusetts Medical Center，Department of pharmacy | 4 |
| 永年 | Birmingham | $\mathrm{O}^{+}$ | Princeton Baptist Medical Center，Department of Pharmacy | 1 |
| 些青 | Richmond | $\mathrm{O}^{+}$ | Medical College of Virginia，Department of Pharmacy | 3 |


| $\mathbb{Z N}$ | Birmingham | $\mathrm{OH}^{+}$ | Queen Elisabeth Hospital，Pharmacy Department | 4 |
| :---: | :---: | :---: | :---: | :---: |
| $\square$ | Paris | $\mathrm{O}^{+}$ | Saint Joseph Hospital，Department of Pharmacy | 1 |
|  | Essen | $\mathrm{O}^{+}$ | Universitätklinikum，Apotheke | 3 |
| $8$ | Belfast | $\mathrm{OH}^{+}$ | Belfast City Hospital，Department of Pharmacy | 1 |
| $\mathbb{N} \mathbb{N}$ | Londres | $\mathrm{O}^{+}$ | Saint Bartelemew Hospital，Department of Medical Oncology | 2 |
| $\mathbb{N}$ | Londres | eil | Pembridge palliative care unit | 1 |
| 翟 | Cheyenne | eiv | Department of Veteran Affairs Medical Center | 2 |
| 3 | Valence | 빈 | Hospital Clinico Universitario，Servicio de Fa | 3 |
| 永 | Findlay | $\mathrm{ar}^{+}$ | Blanchard Valley Hospital，Department of Pharmacy | 1 |
| 翟 | Portland | 비 | Maine Medical center，Department of Pharmacy | 1 |
| 翟 | Memphis | (i1) | Regional Medical center of Memphis，Department of Pharmacy | 1 |
| －－ | Los Angeles | (91) | USC／Norris Cancer Center | 4 |
| － | San Antonio | aid | UT Health Science Center | 2 |
| 3 | Galdakao | 비 | Hospital de Galdakao，Servicio di Farmacia | 1 |
| ＊ | Toowoomba | aid | Toowoomba Base Hospital，Pharmacy Department | 2 |
| $\pm$ | Winnipeg | aid | Health Science Center，Department of Pharmaceutical Sciences | 2 |
| $\mathbb{Z N}$ | Derby | aid | University of Derby，Institute of Health and Community Studies | 1 |
| 4 | Toronto | iㅣ | The Toronto Hospital，Department of Pharmacy | 2 |
| 些星 | Tripler | $0{ }^{+}$ | Tripler Army Medical Center，Pharmacy Services | 1 |
| 翟 | Whittier | 빈 | Presbiterian Intercommunity Hospital，Department of Pharmacy | 1 |
| 里 | Pocatello | aid | Pocatello Regional Medical Center | 1 |
| 搨 | Albany | (i1) | Albany Medical Hospital Center | 2 |
| $\mathbb{N} \mathbb{N}$ | Penarth | 빈 | Saint Mary Hospital，Pharmaceutical unit | 2 |
| $\mathbb{N} \mathbb{N}$ | Edinburgh | $\mathrm{OH}^{+}$ | Royal Infirmary of Edinburgh，Department of Pharmacy | 4 |
| ＂或 | Little Rock | $0{ }^{+}$ | University of Arkansas Medical Center，College of Pharmacy | 1 |
| $\mathbb{N} \mathbb{N}$ | Birmingham | iㅣ | Dusley Road Hospital | 3 |
| ＊ | Adelaïde | 빈 | Adelaide Children\＇s Hospital，Pharmacy Department | 3 |
| $\pm$ | London | aid | Saint Joseph Health Center，Department of Pharmacy | 2 |
| $\mathbb{N}$ | Shefield | 비 | Royal Hallamshire Hospital，Department of Pharmacy | 4 |
| $\mathbb{Z N}$ | Manchester | (i1) | Christie Hospital NHS Trust | 1 |
| 永 | Grand Rapids | (91) | Butterworth Hospital Pharmacy | 1 |
| ＂或 | Detroit | aid | Children\＇s Hospital of Michigan | 1 |


| ＊ | Bedford Park |  | Flinders Medical Center，Pain Management Unit | 1 |
| :---: | :---: | :---: | :---: | :---: |
| 韦 | Dallas |  | Methodist Medical Center，Pharmacy Department | 1 |
| $\pm$ | Marseille |  | Valvert Hospital，Department of Pharmacy | 3 |
| 吅 | New Hyde Park |  | Long Island Jewish Medical center | 1 |
| $\xrightarrow{*}$ | Melbourne |  | The Royal Melbourne Hospital | 1 |
| 田 | Bratislava |  | Slovak Academy of Sciences，Cancer Research Institute | 1 |
| 韦 | Boston |  | New England Deaconess Hospital | 10 |
| $\mathbb{Z N}$ | Nottingham |  | Nottingham City Hospital，Quality Control Laboratory | 5 |
| 4 | Aarau |  | Kantonspital Aarau，Apotheke | 3 |
|  | Charlottesville |  | University of Virginia Health Sciences Center，Department of Pharmacy | 1 |
|  | Royal Oak |  | William Beaumont Hospital，Department of Pharmacy | 3 |
|  | Saint Paul |  | Saint－Paul Ramsey Medical Center | 2 |
| 嵒里 | Buffalo |  | Millard Fillmore Hospital，Pharmacokinetic Laboratory | 1 |
| 器 | San Antonio |  | Murphy Memorial Veterans Hospital | 1 |
| 嵒里 | Memphis |  | Le Bonheur Children Medical Center，Department of Pharmacy | 1 |
|  | Sittard |  | Maasland Hospital，Department of Clinical Pharmacy | 3 |
|  | Bruxelles |  | University Clinics of Brussels，Erasmus Hospital | 2 |
| ＊ | Hornsby |  | The Hornsby Ku－ring－gay Hospital，Pharmacy Department | 1 |
| 毞 | Greenville |  | Pitt County Memorial Hospital，Pharmacy Department | 1 |
| 気 | Danville |  | Geisinger Medical Center，Pharmacy Department | 1 |
| 谜 | Pierce |  | Lawn wood Regional Medical Center | 2 |
| $\mathbb{N}$ | Chester |  | Countess Of Chester Hospital | 1 |
| $\begin{aligned} & \mathbb{N} \\ & \mathbb{Z} \end{aligned}$ | Nottingham |  | Queen Medical Center | 1 |
|  | Clamart |  | Hôpital Antoine Béclère | 1 |
| 里 | Los Angeles |  | Children Hospital of Los Angeles，Division of Pharmacy | 2 |
| 滣 | San Diego |  | San Diego Medical Center | 1 |
|  | Leiden |  | University Hospital Leiden，Department of clinical pharmacy and toxicology | 2 |
| $\mathbb{N}$ | Newcastle |  | St Oswald＇s Hospice | 1 |
| $\square$ | Saskatoon |  | University Hospital，Department of Imaging | 2 |
| 無 | Bronx |  | Bronx VA Medical Center，Surgical Intensive Care Unit | 2 |
| 曁 | Frederick |  | Frederick Cancer Research Facility | 1 |
|  | Saint Louis |  | John Cochrane Veterans Medical Center | 1 |


| $\mathbb{N}$ | Worcester | $\mathrm{CO}^{+}$ | Worcester Royal Hospital | 1 |
| :---: | :---: | :---: | :---: | :---: |
| $\mathbb{N}$ | Torquay | $\mathrm{O}^{+}$ | Torbay Hospital，Regional Quality Control Laboratory | 1 |
| $\mathbb{Z N}$ | Londres | (iv | Saint George Hospital | 1 |
|  | Alesund | (il | Hospital of Alesund，Pharmacy Department | 1 |
| $\mathbb{N}$ | Oxford | $\begin{gathered} \mathrm{O}^{+} \\ \text {(1) } \end{gathered}$ | The Churchill Hospital，Pharmacy Quality Control， | 1 |
| 䍂 | Saint Louis | (iv | Saint Louis University Medical Center，Department of Radiology | 1 |
|  | Parkville | 바 | The Royal Melbourne Hospital，Victorian Drug Information Centre | 1 |
|  | Alkmaar | 아 | Medisch Centrum Alkmaar，Department of clinical pharmacy | 1 |
|  | Chicago | aid | University of Chicago Medical Center，Drug Information Services | 1 |
|  | Mineapolis | (iv | Minneapolis Children＇s Medical Center | 1 |
|  | Pontiac | $\mathrm{OH}^{+}$ | Pontiac General Hospital | 2 |
| 永家 | Ann Arbor | 이 | Saint Joseph Mercy Hospital，Pharmacy Department | 4 |
|  | Washington | 인 | Veterans Administration Medical Center | 2 |
| 侸 | Philadelphie | $\mathrm{O}^{+}$ | Hahnemann University School of Medecine | 3 |
| $\square$ | Oslo | $\mathrm{Qi}^{+}$ | The Norwegian Radium Hospital，Pharmacy Department | 1 |
| $\bigcirc$ | Tenri | $\mathrm{O}^{+}$ | Tenri Hospital，Department of Hospital Pharmacy | 1 |
| 翟 | Arcadia | $\mathrm{ar}^{+}$ | Methodist Hospital of Soutern California | 1 |
| $\mathbb{N}$ | Edinbourg | (i) | Western General Hospital | 1 |
| $\mathbb{N}$ | Londres | (i1) | The London Royal Hospital | 2 |
| 侸 | Lexington | $\mathrm{ov}^{+}$ | Veteran Administration Medical Center，Pharmacy Service | 1 |
| $\mathbb{N}$ | Leicester | +i+ | Leicester Royal Infirmary，Pharmacy Department | 1 |
| 気 | Chicago | aid | G．D Searle and Co | 1 |
|  | Heidelberg | (i1) | Medizinische Universitätklinik | 2 |
| 翟臬 | Providence | 인 | Rhode Island Hospital，Pharmacy Services | 1 |
| 翟 | Hanover | 이 | Mary Hitchcock Memorial Hospital，Dartmouth Medical School | 1 |
| $\pm$ | London | $\mathrm{O}^{+}$ | Southwestern Ontario Regional Self Care Dialyse Centre | 1 |
|  | Le Kremlin Bicêtre | $\mathrm{O}^{+}$ | Hôpital de Bicêtre，Service pharmacie | 1 |
| 正 | Dallas | aid | Children＇s Medical Center of Dallas，Department of Pharmacy | 1 |
|  | Taipei | (iv | Tri－Service General Hospital | 1 |
|  | Mannheim | (i) | Klinikum Mannheim，Kinderchirurgie | 1 |
| 䍂 | Paterson | st | Hospital and Medical Center，Departments of Internal Medicine and | 1 |
| $\square$ | Liège | 인 | Hôpital de Bavières，Pharmacie | 1 |




| $\square$ | Rouen |  | University Hospital of Rouen，Department of Pharmacy，FRANCE | 1 |
| :---: | :---: | :---: | :---: | :---: |
| 侸 | Milwaukee | $\mathrm{O}_{\mathrm{il}}$ | Department of Pharmacy，Children＇s Wisconsin，Milwaukee， | 1 |
| $\mathbb{Z N}$ | Birmingham | $\mathrm{OH}^{+}$ | Sandwell and West Birmingham NHS Trust，Birmingham | 1 |
| $\square$ | Modena | $\mathrm{O}^{+}$ | Pharmaceutical Department，Azienda USL of Modena，Italy | 1 |
| 4 | Bern | (iv) | Inselspital－Bern University Hospital | 1 |
| 水 | Pittsburgh | 이 | Mount Nittany Medical Center | 1 |
| ＊ | Brisbane | ail | Queensland Children＇s Hospital | 1 |
| 永家 | Norfolk | iㅣ | Department of Pharmacy Children＇s Hospital of The King＇s Daughters | 1 |
| $0 \%$ | DSeqpautment of | Anesth | esiology and Pain Medicine，Korea University Medical Center，Guro Hospital，Seoul | plublic of |
| ＊ | Hebei | (Vi) | The Fourth Hospital of Hebei Medical University，Shijiazhuang，Hebei，China | 1 |
| ＊ | Taipei | 인 | National Taiwan University Hospital，Department of Pharmacy，Taipei City | 1 |
| ＊： | Sichuan | (i) | West China Second University Hospital，Sichuan University，China | 1 |
| 吅 | Oslo | ai | Oslo University Hospital | 2 |
| ＊ | Callaghan |  | School of Pharmacy and Medical Sciences | 5 |
|  | Poznan |  | Faculty of Pharmacy | 13 |
| $\mathbb{N} \mathbb{N}$ | Londres |  | School of Pharmacy and Chemistry | 1 |
| $\mathbb{N} \mathbb{N}$ | Bath |  | Department of Pharmacy \＆Pharmacology | 3 |
|  | Songkhla |  | Faculty of Medicine，Prince of Songkla University | 3 |
| 正 | Winchester |  | Bernard J Dunn School of Pharmacy | 6 |
| \％ | Columbus | （0） | College of Pharmacy，Tyhe Ohio State University | 4 |
| $\because$ | Singapore |  | Department of Pharmacy，Faculty of Science，National University of Singapore | 12 |
| $\square$ | Shiraz | （0） | Shiraz University of Medical Sciences and Health Services | 1 |
| 53 | Riyad | （3） | College of Pharmacy，King Saud University | 3 |
| 青 | Rochester | $\bigcirc$ | Wegmans School of Pharmacy | 13 |
| $\square$ | Lille | （0） | Faculté des Sciences Pharmaceutiques et Biologiques | 27 |
|  | Louvain | （0） | Drug Research Institute，University of Louvain | 6 |
| $\square$ | Utrecht | （1） | Faculty of pharmacy，State university of Utrecht | 15 |
| $\mathbb{N} \mathbb{N}$ | Derby |  | Institute of Health and Community studies，Derbyshire college of higher education | 9 |
|  | Nouvelle Orléans | （3） | College of Pharmacy，Xavier University of Louisiana | 18 |
| 五 | Oklaoma City | （0） | University of Oklahoma Health Sciences Center，College of Pharmacy | 35 |
|  | Budapest | （3） | Central Research Institute for chemistry of the Hungarian Academy of Sciences， | 3 |
| 些 | Ann Arbor | 0 | University of Michigan，College of Pharmacy | 56 |


| 青 | Athènes | （1） | University of Georgia，College of Pharmacy | 24 |
| :---: | :---: | :---: | :---: | :---: |
| 录 | Pittsburgh | （1） | School of Pharmacy，University of Pittsburgh | 4 |
|  | Gand |  | laboratory of Pharmaceutical technology，State University of Gent | 10 |
| G | Tenerife |  | partamento de Ingeniería Química y Tecnología Farmacéutica，Facultad de Farmac | 3 |
| 4 | Montreal | 3 | Faculté de pharmacie，Université de Montréal | 18 |
| $\mathbb{N}$ | Potters Bar | （1） | National Institute for Biological Standards and Control | 1 |
| $\bigcirc$ | Lisbonne | （3） | Research Institute for Medicines and Pharmaceutical Sciences | 1 |
|  | Kiel | （1） | Christian－Albrechts－University Kiel，Pharmaceutical Institute | 2 |
| \％ | Tolède |  | College of Pharmacy and Pharmaceutical Sciences，The University of Toledo | 21 |
| 蔵： | Auckland |  | Faculty of Medical and Health Sciences，University of Auckland | 5 |
| $\mathbb{N N}$ | Exeter | （0） | University of Exeter | 7 |
| $\square$ | Tours | $\rightarrow$ | Faculté de pharmacie，Innovation moléculaire et thérapeutique | 2 |
| 寿 | Aurora | （1） | Skaggs School of Pharmacy and Pharmaceutical Sciences，University of Colorado | 7 |
| 录 | Houston | （－） | University of Houston，College of Pharmacy | 59 |
| 3 | Grenade |  | Faculty of Science，Department of Analytical Chemistry | 8 |
|  | Hradec Kralove |  | Charles University in Prague，Department of Pharmaceutical technology | 3 |
| \％ | Memphis |  | University of Tennessee，College of Pharmacy | 4 |
| ， | Cincinnati |  | University of Cincinnati Medical Center，The James L．Winkle College of Pharmacy | 4 |
|  | Bydgoszcz | （1） | Nicolaus Copernicus University Collegium Medicum | 5 |
| \％ | Melbourne | － | Monash Medical School | 1 |
| $\mathbb{N}$ | Cardiff | 0 | University of Wales，Department of Pharmacy | 4 |
| $\cdots$ | Nablus |  | An－Najah National University，Faculty of Medicines and Health Sciences | 5 |
|  | Bordeaux |  | Laboratoire de Pharmacocinétique et de Pharmacie Clinique | 1 |
| 寿 | Edwardsville |  | SIUE School of pharmacy | 2 |
|  | Assiut | （1） | Assiut University，Faculty of Pharmacy | 1 |
| 年 | Charleston | － | Medical University of South Carolina | 18 |
| $\square$ | Buenos Aires | c | University of Buenos Aires，Faculty of Pharmacy and Biochemistry | 4 |
| H | Dunedin |  | University of Otago | 5 |
| \％ | Los Angeles |  | University of Southern california，School of Pharmacy | 20 |
| 表 | Lexington |  | University of Kentucky，College of Pharmacy | 5 |
| \％ | Hobart | （1） | University of Tasmania，School of Pharmacy | 22 |
| 疗 | Rockville | Q | United States Pharmacopeial Convention | 2 |


| $\bigcirc$ | Florianopolis |  | versidade Federale de Santa Carina，Departamento de Ciencas Pharmaceuticas | 1 |
| :---: | :---: | :---: | :---: | :---: |
| 拣 | San Diego | ） | University of California，School of Pharmacy and Pharmaceutical Sciences | 3 |
| ＊ | Parkville | $\cdots$ | Monash University，Victorian College of Pharmacy | 7 |
| \％ | Iowa City |  | University of lowa，College of Pharmacy | 4 |
| 栜 | Gainesville |  | University of Florida，College of Pharmacy | 12 |
| 8 | Mineapolis |  | University of Minnesotta，College of Pharmacy | 4 |
| \％ | Brooklyn |  | Long Island University，Arnold and Marie Schwarz College of Pharmacy | 4 |
| 泰 | Detroit | Wayne State University，Eugene Applebaum College of Pharmacy and Health Science |  | 2 |
|  | Zhejiang | ） | Zhejiang University，College of Pharmaceutical Sciences | 1 |
| 运 | Clinton |  | Presbyterian College，School of Pharmacy | 5 |
|  | Kharkiv |  | National University of Pharmacy | 2 |
| $\mathbb{N}$ | Plymouth | （1） | Plymouth University，School of Health Professions | 1 |
|  | Wuhan |  | Wuhan University，College of Pharmacy | 7 |
|  | Tubingen |  | Eberhard－Karls University，Department of Anesthesiology and Intensive Care， | 2 |
| \％ | Omaha | $\cdots$ | University of Nebraska Medical center，College of pharmacy | 12 |
| is | Madrid | $\cdots$ | Universidad Complutense de Madrid，Facultad de Farmacia | 12 |
| 车 | Madison | （1） | University of Wisconsin－Madison，School of Pharmacy | 7 |
| $\mathbb{N N}$ | Glasgow | $\cdots$ | Strathclyde Institute of Pharmacy and Biomedical Sciences | 2 |
| 4 | Edmonton | $\cdots$ | University of Alberta，Faculty of Pharmacy and Pharmaceutical Sciences | 2 |
| $\bigcirc$ | Tokyo |  | Hoshi University，Department of Pharmaceutics | 1 |
|  | Würzburg |  | Universität Würzburg，Institut für Pharmazie une Lebensmittelchemie | 1 |
| ＂ | Cleveland |  | ivision of Infectious Diseases and HIV Medicine，Case Western Reserve University | 1 |
| － | Denver |  | University of Colorado Health Sciences Center | 5 |
| 泰 | Chicago | $\cdots$ | University of Illinois，College of Pharmacy | 8 |
| 东 | Tucson | ） | University of Arizona，Department of Pharmacy Practice \＆Science | 8 |
| 180 | Incheon | （1） | Yonsei University，College of Pharmacy | 2 |
| 戌 | Birmingham |  | Samford University，School of Pharmacy | 13 |
|  | Marburg |  | Philipps－University Marburg，Institute of Pharmaceutical Chemistry | 1 |
| 辰 | Stockton |  | University of the Pacific，Department of Pharmaceutics and Medical Chemistry | 4 |
| （9） | Lisbonne |  | Universidade de Lisboa，Faculdade de Farmácia | 2 |
| 寿 | Lawrence |  | The University of Kansas，Department of Pharmaceutical Chemistry | 4 |
| 4 | Winnipeg |  | University of Manitoba，Faculty of Pharmacy | 2 |


| － | Nakhon Pathon |  | Silpakorn University，Faculty of Pharmacy | 1 |
| :---: | :---: | :---: | :---: | :---: |
| $\bigcirc$ | Ozaka | （3） | Osaka University，Graduate School of Pharmaceutical Science | 2 |
|  | Graz |  | University of Graz，Department of Pharmaceutical Sciences | 2 |
| \％ | Salt Lake City |  | University of Utah Health Care，Department of Pharmacy Services | 18 |
| 青 | Houston |  | Texas Southern University，Department of Pharmaceutical Sciences | 1 |
| $\mathbb{N}$ | Glasgow |  | University of Strathclyde，Department of Pharmaceutical Sciences | 2 |
| ＊\％ | Queensland | （3） | Grif！th University，School of Pharmacy | 1 |
|  | Naples | Univ | ita Degli Studi di Napoli Federico I，Dipartimento di Chimica Organica e Biochim | 1 |
| 寿 | Cheyenne | － | University of Wyoming，School of Pharmacy | 3 |
|  | Bordeaux |  | Université Bordeaux 2，UFR Pharmacie，Laboratoire de Chimie Analytique | 3 |
| － | Porto Alegre |  | Pharmacy School of Federal University of Rio Grande do Sul | 6 |
| 氧 | Indianapolis | ） | Purdue University，School of Pharmacy and Pharmaceutical Sciences | 2 |
|  | Concepcion | （－） | University of Concepcion，Pharmacy School | 1 |
|  | Berlin | （1） | Free University of Berlin，Institute of Pharmacy | 1 |
| \％ | Townsville |  | James Cook University，School of Pharmacy and molecular Sciences | 1 |
|  | La Plata |  | Facultad de Ciencias Exactas | 1 |
| C＊ | Istanboul |  | Marmara University，Faculty of Pharmacy | 1 |
| $\bigcirc$ | Sao Paulo | QF | dade de Ciencias Farmaceuticas，Departamento de Farmacos e Medicamento | 3 |
|  | Hong Kong |  | Chinese University of Hong Kong，School of Pharmacy | 2 |
| \％ | Winston－Salem | － | Wake Forest School of Medicine | 4 |
| Q | Porto | － | Porto University，College of Pharmacy | 1 |
| 录 | Albuquerque |  | University of New Mexico Health Sciences Center，College of Pharmacy | 4 |
| $\bigcirc$ | Akita city |  | Akita University School of Medicine | 1 |
| \％ | Saint Louis |  | Washington university School of Medecine | 5 |
| \％ | Amarillo | （1） | Texas Tech University Health Sciences，Center School of Pharmac | 1 |
| 3 | Valence | － | Universitat de Valencian Facultat de Quimica | 4 |
| $\square$ | Bologne | － | Uni■ersita｀di Bologna，Dipartimento di Scienze Farmaceutiche | 3 |
| \％ | Decatur |  | Emory University System of Health Care | 1 |
|  | Kassel |  | Institut für Ökologische Chemie und Ökotoxikologie | 1 |
| 表 | Buies Creek |  | Campbell University，School of Pharmacy | 1 |
| － | Philadelphie |  | Philadelphia College of Pharmacy and Science | 3 |
| 疗 | New Haven | （1） | University School of Medicine，Department of Pediatrics | 1 |


| 寿 | Morgantown |  | West Virginia University，School of Pharmacy | 2 |
| :---: | :---: | :---: | :---: | :---: |
| 寿 | San Francisco |  | University of California，Department of clinical Pharmacy | 2 |
|  | Mannheim |  | Fakultät für Klinische Medizin Mannheim der Universität Heidelberg | 2 |
|  | Rome |  | Istituto Superiore di Sanita，Laboratorio di Chimica del Farmaco | 1 |
| $\mathbb{Z N}$ | Leicester | ） | De Montfort University，Department of Pharmaceutical Sciences | 1 |
| （ | Karachi |  | University of Karachi，Faculty of Pharmacy | 1 |
| 录 | Rockville |  | Food and Drug Administration | 1 |
| ＊ | Edmonton |  | University of Alberta，Departments of Anesthesia and Pharmacology | 1 |
| $\bigcirc$ | Nagoya |  | Meijo University，Faculty of Pharmacy | 4 |
|  | Tubingen |  | Pharmazeutische Institute des Universität Tübingen | 2 |
|  | Louvain |  | Laboratory for Pharmaceutical Chemistry and Drug Analysis | 2 |
| 4 | Lausanne |  | Universite de Lausanne，Institut de Chimie Minérale et Analytique | 1 |
| \％ | Columbia |  | University of South Carolina，College of Pharmacy | 2 |
| \％ | Piscataway |  | State University of New Jersey，College of Pharmacy | 8 |
|  | Barcelone |  | Universitat de Barcelona，Facultat de farmacia | 5 |
|  | Liège |  | University of Liège，School of Pharmacy | 2 |
|  | Poitiers |  | Université de Poitiers，Faculté de Médecine et Pharmacie | 8 |
| ＊ | St Lucia |  | University of Queensland，Department of Pharmacy | 1 |
|  | New York |  | Allied Health Profession St John\＇s University | 1 |
| 贯 | Nashville |  | Vanderbilt University，School of Medicine | 2 |
| ＊ | Bentley |  | University of technology，Department of Pharmacy | 6 |
|  | Groningen |  | University of Groningen，Department of Pharmacy | 3 |
| \％ | Sydney |  | University of Sydney，Department of Pharmacy | 1 |
| ＝ | Tallahassee |  | Florida A \＆M University，College of pharmacy and Pharmaceutical Sciences | 1 |
| 萐 | Iowa City |  | University of lowa，Department of Pediatrics | 1 |
| 萐 | Jackson |  | University of Mississipi，School of Pharmacy | 1 |
| ＊\％ | Nedlands |  | University of Western Australia，Department of Pharmacology | 3 |
| 同 | Philadelphie |  | Temple University，School of Pharmacy | 4 |
| $\mathbb{N N}$ | Birmingham |  | Aston University，Pharmaceutical Sciences Institute | 6 |
|  | Belfast |  | The Queen\＇s University of Belfast | 5 |
| \％\％ | Lidcombe |  | University of Sydney，Faculty of Health Sciences | 1 |
| $\square$ | Helsinki | （3） | University of Helsinki，Department of Pharmacy | 1 |


| $\begin{aligned} & N \mathbb{N} \\ & Z N \end{aligned}$ | Liverpool | － | Liverpool John Moore University，School of Pharmacy | 1 |
| :---: | :---: | :---: | :---: | :---: |
| 㖆 | Boston |  | Boston College of Pharmacy and Allied Health Services，Department of Pharmacy | 1 |
| \％ | Baltimore |  | University of Maryland，School of Pharmacy | 2 |
| \％ | Lexington |  | University of Kentucky，College of Dentistry | 4 |
|  | Munich |  | Ludwig Maximilian University，Institute of Pharmacology and Toxicology | 1 |
| ＊ | Perth | $\bigcirc$ | Curtin University of Technology，School of Pharmacy | 4 |
|  | Zaria |  | Ahmadu Bello University，Faculty of Pharmacy | 1 |
|  | Québec |  | Université Laval，Ecole de Pharmacie | 2 |
| NN | Aberdeen | $\longrightarrow$ | Robert Gordon\＇s Institute of Technology，School of Pharmacy | 1 |
| 目 | Stanford |  | Stanford University，Department of Medicine | 2 |
| NE | Shefield | $\longrightarrow$ | Sheffiled University Medical School，Department of Anaesthesis | 1 |
| ＝ | Atlanta |  | Mercer University，Southern School of Pharmacy | 2 |
| 寿 | Atlanta | $\cdots$ | Emory University，School of Medecine | 5 |
| \％ | Missoula | $\rightarrow$ | University of Montana，School of Pharmacy | 1 |
| 泰 | Omaha | $\cdots$ | Creighton University，School of Pharmacy | 1 |
| 4 | Toronto | $\cdots$ | University of Toronto，Faculty of Pharmacy | 3 |
|  | Nancy |  | Faculté des sciences pharmaceutiques et biologiques | 1 |
|  | Rome |  | Universita catolica del S Cuore | 1 |
| ， | Austin |  | University of Austin，College of Pharmacy | 2 |
|  | Châtenay－Malabry |  | Faculté de pharmacie de Paris Sud | 1 |
| $\square$ | Uppsala |  | University of Uppsala，Department of Pharmaceutics | 1 |
| ＝ | Milwaukee | $\bigcirc$ | Medical College of Wisconsin，Department of Surgery | 3 |
| \％ | Corvalis | $\rightarrow$ | Oregon State University，College of Pharmacy | 3 |
| 泰 | San Francisco | $\cdots$ | University of California，Department of Anesthesia | 1 |
| 园 | New Brunswick |  | Rutgers University，College of Pharmacy | 1 |
| 雨 | Kansas City |  | University of Missouri，Department of Pharmacy | 2 |
| \％ | New Haven |  | Yale University School of Medecine，Department of Pharmacology | 1 |
| 等 | Springfield |  | Western New England University College of Pharmacy | 1 |
| 园 | Kingston（USA） |  | University of Rhode Island，Department of Pharmacy Practice | 1 |
| $\square$ | Alexandrie |  | University of Alexandria，Department of Pharmaceutics | 1 |
|  | Magdeburg |  | Otto von Guericke University，Faculty of Pharmacy | 1 |
|  | Dhaka |  | University of Dhaka，Faculty of Pharmacy | 1 |


| $\square$ | Camerino | （1） | University of Camerino，School of Pharmacy | 2 |
| :---: | :---: | :---: | :---: | :---: |
| 4 | Halifax | （1） | Dalhousie University，College of Pharmacy | 3 |
| 䍂 | West Lafayette | $\bigcirc$ | Purdue University，School of Pharmacy | 2 |
| － | Tucson | C | University of Arizona，College of medicine | 2 |
|  | Vienne |  | Institute of Pharmaceutical Chemistry，Department of Drug Analysis | 1 |
| ＊ | Tianjin |  | Tianjin Medical University | 1 |
| 3 | Villanueva de Galleg | （0） | San Jorge University，Campus Villanueva de Gállego | 1 |
|  | Vienne | （3） | University of Vienna，Department of Pharmacognosy | 5 |
| 䍂 | Johnson City |  | East Tennesse State University，Bill Gatton college of Pharmacy | 6 |
| ＂0\％ | Suwon | （1） | Sungkyunkwan University，Department of Polymer Science \＆Engineering | 1 |
| ＂0\％ | Yonsei | $\leftrightarrow$ | Yonsei University，College of Pharmacy | 1 |
|  | Oslo |  | hool of Pharmacy，Faculty of Mathematics and Natural Sciences，University of Os | 1 |
|  | Chiang Mai | （1） | Department of Pharmaceutical Care，Faculty of Pharmacy，Chiang Mai University | 1 |
| \％ | Portland | （1） | Pacific University School of Pharmacy | 1 |
| ＝ | Massachussets | － | Massachusetts College of Pharmacy and Health Science | 1 |
| $\square$ | L＇aquila | （1） | University of L＇Aquila | 2 |
|  | Bari |  | University of Bari Aldo Moro | 4 |
| ＝ | Thessaloniki |  | Aristotle University of Thessaloniki | 1 |
| $\mathbb{N}$ | Dundee | Univ | ersity of St．Andrews Medical School，Department of Pharmacology and Therapeu | 1 |
| 些是 | Bangor | $\mathrm{OH}$ | sson University，Department of Basic Pharmaceutical Sciences，School of Pharma | 1 |
| ＊\％ | Sydney | （－） | National Institute of Complementary Medicine，Western Sydney University | 2 |
|  | Sleman | （ | Universitas Islam Indonesia，Sleman，Indonesia | 2 |
| $\square$ | Clermont－Ferrand |  | Université d＇Auvergne，Faculté de Pharmacie | 1 |
| © | Bombay |  | Bombay college of pharmacy | 1 |
| C＊ | Ankara |  | Faculty of Medecine，Hacettepe University，Ankara | 1 |
| $\bigcirc$ | Kashihara | （1） | Nara Medical University，1Department of Pediatrics，Kashihara | 1 |
| 侸 | Fort Sam Houston |  | Army Medical Department Center \＆School，Fort Sam Houston，Texas，USA 78234 | 1 |
| 䍂 | La Crosse | （1） | Department of Medical Education，Gundersen HealthSystem，La Crosse，USA | 1 |
| 㫛 | Rochester | （－） | St．John Fisher College，Rochester，NY，USA | 2 |
| － | Fort Worth | （1） | University of North Texas Health Science Center，Fort Worth，Texas | 1 |
| $\square$ | Milan | （1） | Universit｀${ }^{\text {a degli Studi di Milano ，Milan，Italy }}$ | 1 |
| $\mathbb{Z N}$ | Liverpool | （1） | Quality Control North West－Liverpool，Pharmacy Practice Unit | 1 |


|  | Innsbruck | Institute of Analytical Chemistry and Radiochemistry, Leopold-Franzens University of Innsbruck1 |  |  |
| :---: | :---: | :---: | :---: | :---: |
| - | Rio de Janeiro | (-) | Faculty of Pharmacy, Federal University of Rio de Janeiro (UFRJ) | 1 |
|  | Bangkok | (-) | Mahidol University, Faculty of Pharmacy, Bangkok | 1 |
|  | Amsterdam | (1) | Department of Pharmacy and Clinical Pharmacology, University of Amsterdam | 1 |
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| $\pm$ | Halifax |  | ousie UniversityDepartments of Pathology and Biochemistry \& Molecular Biology | y 1 |
| 翟 | New Orleans | ) | University of Louisiana, College of pharmacy | 1 |
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