

## Prof. FEYZA ARICIOĞLU

### Personal Information

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Yoksis Researcher ID: 7718

### Biography

Feyza Arıcıoğlu was born on 18.09.1963 in Istanbul. She graduated from Istanbul University, Faculty of Pharmacy in 1986. Professor Arıcıoğlu started her career as a medical residency student at Istanbul University, Istanbul Faculty of Medicine, Department of Pharmacology and Clinical Pharmacology, completed her master's degree in 1988 and doctorate in 1993 at the same department, and received the titles of assistant professor in 1994, associate professor in 1998, and professor in 2004 at Marmara University, Faculty of Pharmacy, Department of Pharmacology. Concurrently, she served as visiting or faculty member at Cornell University, School of Medicine, Department of Neuroscience; University of Mississippi, School of Medicine, Department of Psychiatry; Temple University, School of Medicine, Department of Pharmacology, and Max-Planck Institute, Department of Psychiatry. Her main research area is neuropsychopharmacology. Professor Arıcıoğlu is the founding president of Psychopharmacology Research Unit (1996) within the body of Faculty of Pharmacy at Marmara University, the founder and chief editor of the Journal of Clinical and Experimental Health Sciences (2011-2015, 2018- ), and the academic editor of Psychiatry and Clinical Psychopharmacology (2020-) and Psychiatry and Behavioural Sciences (2020-). She currently is the Director of Institute of Health Sciences at Marmara University (2012-2015, 2018- ), the Ambassador to Turkey for the Organisation for PhD Education in Biomedicine and Health Sciences in the European System (ORPHEUS) (2013- ), and a Member of the Education Commission of the International College of Neuropsychopharmacology (CINP) (2016- ). Professor Arıcıoğlu has been serving as the Council Member of Turkish Higher Education of Quality Council (THEQC) representing CoHE, since January 2022.

### Education Information

Doctorate, Istanbul University, Istanbul Medical Faculty, Turkey 1989 - 1993

Postgraduate, Istanbul University, Istanbul Medical Faculty, Division Of Medical Sciences , Turkey 1986 - 1989

Undergraduate, Istanbul University, Faculty Of Pharmacy , Eczacılık Pr., Turkey 1982 - 1986

### Dissertations

Doctorate, Aspartaterjik / glutamaterjik sistemin immün yanıtındaki rolü, Istanbul University, 1993

Postgraduate, Esansiyel hipertansiyonlu olgularda Nifedipin ve Pindolol tedavisi ve bu drogların total kan ve plazma viskozitesine, kan kortizol düzeyine, kanın şekilli elemanlarına, kan ve idrar elektrolitlerine etkileri, Istanbul University, 1989

## Research Areas

Medicine, Pharmacology and Therapeutics

## Academic Titles / Tasks

Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2004 - Continues  
Associate Professor, University of Mississippi, Medical Faculty, Division Of Neurobiology And Behavior Research., 2003 - 2004  
Associate Professor, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 1998 - 2004  
Research Assistant, Istanbul University, Tıp Fakültesi, 1987 - 1993

## Academic and Administrative Experience

Director of The Institution, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2018 - Continues  
Sağlık Ön Değerlendirme Kurulu Başkanlığı , Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2018 - Continues  
Head of Ethics Committee, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2018 - Continues  
CINP Eğitim Komitesi Üyesi , Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2016 - Continues  
ORPHEUS Türkiye Büyükelçisi, Marmara University, Rectorate, 2013 - Continues  
ÖYP Yürütme Kurulu Üyesi, Marmara University, Rectorate, 2014 - 2015  
Girişimsel Olmayan Klinik Araştırmalar Etik Kurul Başkanlığı , Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2012 - 2015  
Bilimsel Araştırma Projeleri Birimi Sağlık Ön Değerlendirme Kurulu Başkanlığı, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2012 - 2015  
Head of Department, Marmara University, Faculty of Pharmacy, Professional Pharmaceutical Sciences, 2012 - 2015  
Fakülte Akreditasyon ve Kalite Geliştirme Komisyonu Üyesi, Marmara University, Faculty of Pharmacy, 2012 - 2015  
Head of Ethics Committee, Marmara University, Institute of Health Sciences, 2012 - 2015  
Director of The Institution, Marmara University, Institute of Health Sciences, 2012 - 2015  
Chairman of the BAP Committee, Marmara University, Rectorate, 2012 - 2015  
Erasmus Coordinator, Marmara University, Faculty of Pharmacy, 2005 - 2014  
Konuk Öğretim Üyesi, Universitaet des Saarlandes, Max-Planck Enstitüsü, Psikiyatri , 2011 - 2011  
Konuk Öğretim Üyesi, University of Mississippi, Department of Psychiatry, 2010 - 2011  
Konuk Öğretim Üyesi, Temple University, 2010 - 2010  
Konuk Öğretim Üyesi, Department of Psychiatry, 2004 - 2004  
Konuk Öğretim Üyesi, University of Mississippi, Department of Psychiatry, 2003 - 2004  
Konuk Öğretim Üyesi, University of London, 2003 - 2003  
Konuk Öğretim Üyesi, University of Mississippi, Department of Psychiatry, 2002 - 2002  
Konuk Öğretim Üyesi, Cornell University, Department of Neurology and Neuroscience, 2000 - 2000

## Advising Theses

Arıcıoğlu F., Akut uzatılmış stres ile oluşturulan deneysel post-travmatik stres bozukluğu modelinde agmatinin etkilerinin incelenmesi, Postgraduate, Ö.BAYRU(Student), Continues  
ARICIOĞLU F., Sıçanlarda erken dönem anneden ayrılma stres modelinde agmatinin etkilerinin incelenmesi, Postgraduate, C.Yurtdaş(Student), 2020  
Arıcıoğlu F., Sıçanlarda kronik öngörülemeyen stres ile oluşturulan depresyon modelinde purinerjik 2x7 reseptörünün

rolünün araştırılması, Postgraduate, R.TUĞÇE(Student), 2017

Arıcıoğlu F., Sıçanlarda kronik öngörülemez hafif stres ile oluşturulan depresyon modelinde harmanın rolünün araştırılması, Postgraduate, G.ARKAN(Student), 2017

Arıcıoğlu F., Ketaminin depresyon nörobiyolojisindeki rolünün sıçanlarda kronik öngörülemez stres modelinde araştırılması, Postgraduate, C.YALÇINKAYA(Student), 2017

ARICIOĞLU F., Sıçanlarda kronik öngörülemez stres ile oluşturulan depresyon modelinde harmanın rolünün araştırılması, Postgraduate, G.Arkan(Student), 2017

Arıcıoğlu F., Sıçanlarda MK-801 ile oluşturulmuş şizofreni modelinde nikotinik alfa-7 reseptörlerinin şizofreninin pozitif negatif ve kognitif semptomları üzerine olası etkilerinin incelenmesi, Doctorate, G.ÜNAL(Student), 2017

Arıcıoğlu F., Sıçanlarda oluşturulan depresyon modelinde nod benzeri reseptör proteini 3 inflamazomu aracılı inflamatuvar yollar ve nitriderjik sistem arasındaki ilişkinin araştırılması, Doctorate, C.ÖZKARTAL(Student), 2017

Arıcıoğlu F., Antihistaminiklerin psikomotor performans ve kognitif fonksiyonlar üzerine etkileri, Postgraduate, E.KESKİN(Student), 2016

Arıcıoğlu F., Alzheimer hastalığında imidazolin reseptörlerinin etkisinin araştırılması, Postgraduate, G.YİĞİT(Student), 2013

Arıcıoğlu F., Sıçanlarda deneysel stres modelinde agmatinin etkisinin araştırılması, Postgraduate, E.YARCI(Student), 2011

Arıcıoğlu F., Agmatinin kognitif fonksiyonlara etkisinin araştırılması, Postgraduate, N.İŞİL(Student), 2010

Arıcıoğlu F., Deneysel Alzheimer modelinde agmatinin etkilerinin araştırılması, Postgraduate, M.ŞİRVANCI(Student), 2009

Arıcıoğlu F., İmidazolin-2 reseptörlerinin morfin bağımlılığındaki rolünün araştırılması, Postgraduate, Z.ÇETİN(Student), 2009

Arıcıoğlu F., Pentilentetrazol ile oluşturulan kindling epilepsi modelinde agmatinin etkisinin araştırılması, Postgraduate, Z.AĞALAR(Student), 2008

Arıcıoğlu F., Deneysel olarak oluşturulan akut inflamasyon modelleri üzerine agmatinin etkisi, Postgraduate, G.SALANTUROĞLU(Student), 2005

ARICIOĞLU F., Deneysel olarak oluşturulan akut inflamasyon modelleri üzerine agmatinin etkisi, Postgraduate, G.Salanturoğlu(Student), 2005

Arıcıoğlu F., Kimyasal elektriksel olarak oluşturulan epileptik nöbetlerde nitriderjik sistemin rolü, Postgraduate, B.KAN(Student), 2002

ARICIOĞLU F., Kimyasal ve elektriksel olarak oluşturulan epileptik nöbetlerde nitriderjik sistemin rolü, Postgraduate, B.KAN(Student), 2002

ARICIOĞLU F., Agmatinin akut ve kronik ağrı modellerindeki etkisi, Postgraduate, E.İLKTAÇ(Student), 2001

ARICIOĞLU F., 3,5-Dimetil-1-(2-hidroksietil)-4-Aminopirazol'den türeyen bazı Schiff Bazlarının sentezi ve in vivo metabolizması, Postgraduate, B.ORAL(Student), 2001

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The effect of maternal separation stress-induced depression on ovarian reserve in Sprague Dawley Rats: The possible role of imipramine and agmatine through a mTOR signal pathway**  
Önel T., ARICIOĞLU F., Yıldırım E., Zortul H., Yaba A.  
Physiology and Behavior, vol.269, 2023 (SCI-Expanded)
- II. **The Possible Role of NLRP3 Inflammasome in Depression and Myocardial Infarction Comorbidity**  
BAYSAK E., Yıldırım C., SAYAR N., SAYAR M. K., Halaris A., ARICIOĞLU F.  
Journal of Personalized Medicine, vol.13, no.9, 2023 (SCI-Expanded)
- III. **Investigation of the protective effect of gel incorporating Eugenia jambolana leaf extract on 5-fluorouracil-induced oral mucositis: an animal study**  
AKSOY N., Sen E., Sukmasari S., BİNGÖL ÖZAKPINAR Ö., ARICIOĞLU F., YÜCEL Y. Y., Dumlu M. R., Doolaanea A. A., AbdulRahman M. N., OLGAC N. V., et al.  
JOURNAL OF CANCER RESEARCH AND CLINICAL ONCOLOGY, vol.148, no.8, pp.2153-2162, 2022 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Cannabinoids and neuroinflammation: Therapeutic implications**  
Leonard B. E., ARICIOĞLU F.  
Journal of Affective Disorders Reports, vol.12, 2023 (Scopus)
- II. **Microglial activation mediates maternal separation-induced depressive-like behavior in rats: A neurodevelopmental depression model**  
Yurtdas C., Zortul H., Yilmaz B., ARICIOĞLU F.  
Journal of Affective Disorders Reports, vol.12, 2023 (Scopus)

## Books & Book Chapters

- I. **Involvement of Neuroactive Steroids in Pain, Depression and Anxiety**  
MIFFLIN K., BENSON C., KERR B., ARICIOĞLU F., ÇETİN M., DURSUN S., BAKER G.  
in: Pain in Psychiatric Disorders, FINN DAVID, LEONARD BRIAN, Editor, Mod Trends Pharmacopsychiatry, Karger, Basel, pp.94-103, 2015
- II. **Yaşlılarda ağrının kontrolü**  
Arıcıoğlu F.  
in: Adı Eylül (Sağlıkta Yaşlılık), M.Nejat Gacar,Tijen Utkan,Hüsnü Efendi, Editor, Nobel Yayın Dağıtım, İstanbul, pp.233-255, 2009
- III. **Algoloji**  
Arıcıoğlu F.  
in: Hayvanlarda akut ve kronik ağrı modellerinin değerlendirilmesi, Feyza Arıcıoğlu, Editor, Nobel Yayın Dağıtım, İstanbul, pp.299-324, 2004
- IV. **Yaşlılarda ağrı tedavisinde genel kurallar**  
Arıcıoğlu F.  
in: Yaşlılık çağında ağrı, Feyza Arıcıoğlu, Editor, Nobel Yayın Dağıtım, İstanbul, pp.95-111, 2003
- V. **Yenidoğanda ve çocuklarda farmakokinetik özellikler**  
Arıcıoğlu F.  
in: Çocukluk çağında ağrı , Feyza Arıcıoğlu, Editor, Nobel Yayın Dağıtım, İstanbul, pp.245-254, 2002
- VI. **Opioid analjezikler**  
Arıcıoğlu F.  
in: Çocukluk çağında ağrı, Feyza Arıcıoğlu, Editor, Nobel Yayın Dağıtım, İstanbul, pp.281-300, 2002

## Refereed Congress / Symposium Publications in Proceedings

- I. **Agmatine attenuated sensorimotor gating deficit in schizophrenia model in rats: combination of neonatal MK-801 and isolation rearing.**  
Ünal G., Arıcıoğlu F., Zortul H., Özbeyli D.  
31th European College of Neuropsychopharmacology (ECNP) Congress, Utrecht, Netherlands, 6 - 09 October 2018
- II. **Nigella sativa extract improved sensorimotor gating deficit on acute ketamine model of schizophrenia in rats**  
ÜNAL G., KELEŞ R. M., TAŞKIN T., ARICIOĞLU F.  
30TH ECNP Congress, 2 - 05 September 2017
- III. **Antidepressant like effect of hydro-alcoholic extract of Nigella sativa in tail suspension test in mice**  
YAVUZ A. N., KELEŞ R. M., ÜNAL G., TAŞKIN T., ARICIOĞLU F.  
29th Congress European College of Neuropsychopharmacology (ECNP), 17 - 20 September 2016

## Metrics

Publication: 274

Citation (WoS): 1297

Citation (Scopus): 1080

H-Index (WoS): 20

H-Index (Scopus): 20

## Congress and Symposium Activities

- Değişimin nörobiyolojisi. Geleceğin e-hali , Attendee, İstanbul, Turkey, 2018
- MUPSA Antistres Days, Attendee, İstanbul, Turkey, 2018
- III. Ulusal Tıp Öğrenci Kongresi: Psikiyatri ve Sinirbilim, Attendee, İstanbul, Turkey, 2018
- I. Ulusal Öğrenci Öğrencilikten Profesyonelliğe Nörolojik ve Psikiyatrik Hastalıklar, Attendee, Diyarbakır, Turkey, 2018
- VI. International Congress of Molecular Medicine , Invited Speaker, İstanbul, Turkey, 2017
- MUPSA-SPSA Twinnet Project, Invited Speaker, İstanbul, Turkey, 2017
15. Ulusal Sinirbilim Kongresi, Attendee, Sakarya, Turkey, 2017
- XXI. Deneysel Hayvanlar Kullanım Sertifika Programı Eğitimci , Attendee, İstanbul, Turkey, 2017
- Psikofarmakoloji Derneği Konferansı, Attendee, İstanbul, Turkey, 2017
- 5th International Symposium on Child and Adolescent Psychopharmacology, Invited Speaker, Antalya, Turkey, 2017
- Deneysel Hayvanlar Kullanım Sertifika Programı Eğitimci, Attendee, İstanbul, Turkey, 2017
- XX. Deneysel Hayvanlar Kullanım Sertifika Programı Eğitimci , Attendee, İstanbul, Turkey, 2017
1. Ulusal Marmara Eczacılık Kongresi, Attendee, İstanbul, Turkey, 2016
- Psychiatry Conference, Invited Speaker, Sofija, Bulgaria, 2016
- 7th European Congress of Pharmacology, Invited Speaker, İstanbul, Turkey, 2016
- XIX. Deneysel Hayvanlar Kullanım Sertifika Programı Eğitimci , Attendee, İstanbul, Turkey, 2016
14. Ulusal Sinirbilim Kongresi, Attendee, Ankara, Turkey, 2016
- 8th International Congress on Psychopharmacology and 4rd International Symposium on Child and Adolescent Psychopharmacology, Invited Speaker, Antalya, Turkey, 2016
- 8th International Congress on Psychopharmacology and 4 rd International Symposium on Child and Adolescent Psychopharmacology, Invited Speaker, Antalya, Turkey, 2016
- XVI. Deneysel Hayvanlar Kullanım Sertifika Programı Eğitimci, Attendee, İstanbul, Turkey, 2016
- WPAIC 2015, Invited Speaker, Taipei, Taiwan, 2015
- WPAIC 2015, Invited Speaker, Taipei, Taiwan, 2015
- International Multidisciplinary Symposium on Drug Research and Development, Invited Speaker, Eskişehir, Turkey, 2015
- Yanlışlarımızdaki tehlike: Bağımlılık, Attendee, İzmir, Turkey, 2015
4. Ulusal Laboratuvar Hayvanlar Bilimi Kongresi, Attendee, İstanbul, Turkey, 2015
- XXIII. Ulusal Farmakoloji Kongresi, Attendee, Ankara, Turkey, 2015
- Deneysel Hayvanlar Kullanım Sertifika Programı Eğitimci, Attendee, İstanbul, Turkey, 2015
- Depresyon nörobiyolojisinde gelişmeler ve yeni tedavi hedefleri, Attendee, İstanbul, Turkey, 2015
- International Postgraduate School in CNS, Invited Speaker, Athens, Greece, 2015
- Türk Farmakoloji Derneği 22. Eğitim Toplantısı, Attendee, Adana, Turkey, 2015
- XXVII. Sağlık Bilimleri Enstitüleri Toplantısı , Attendee, Manisa, Turkey, 2015
- XVI. Deneysel Hayvanlar Kullanım Sertifika Programı Eğitimci, Attendee, İstanbul, Turkey, 2015
- Bağımlılıklar Sempozyumu, Attendee, İstanbul, Turkey, 2015
- 7th International Congress of Psychopharmacology, Invited Speaker, Antalya, Turkey, 2015
13. Ulusal Sinirbilim Kongresi, Attendee, İstanbul, Turkey, 2015
- MUPSA-SPSA Twinnet Project, Invited Speaker, İstanbul, Turkey, 2015
- Future Treatment of Bipolar Disorders 4th CENESYS , Invited Speaker, Praha, Czech Republic, 2014
- Fourth International Meeting on Pharmacy & Pharmaceutical Sciences, Invited Speaker, İstanbul, Turkey, 2014

2nd Euroasian Regional Congress of Biological Psychiatry, Invited Speaker, Bursa, Turkey, 2014

13. Ulusal Ağrı Kongresi, Working Group, İstanbul, Turkey, 2014

18th Malaysian Conference on Psychological Medicine (MCPM) and 1st Asian Federation of Psychiatric Associations (AFPA) Regional Meeting, Invited Speaker, Kuala-Lumpur, Malaysia, 2014

1st CME CNS, European Postgraduate School in CNS, Invited Speaker, İstanbul, Turkey, 2014

Marmara Üniversitesi Eczacılık Öğrencileri Birliği, '5. Yıldönümü Öğrenci Çalıştay', Working Group, İstanbul, Turkey, 2014

6th International Congress of Psychopharmacology , Invited Speaker, Antalya, Turkey, 2014

6th International Congress of Psychopharmacology , Invited Speaker, Antalya, Turkey, 2014

9th ORPHEUS Meeting, Invited Speaker, Lausanne, Switzerland, 2014

Avrupa Üniversiteler Birliği Toplantısı, Attendee, İzmir, Turkey, 2014

5th International Congress on Psychopharmacology & International Child and Adolescent Symposium, Invited Speaker, Antalya, Turkey, 2013

Şizofreni Tedavisinde Son durum ve Geleceği, Attendee, İstanbul, Turkey, 2013

Şizofreni ve Antipsikotik İlaçlar için Temel Psikofarmakoloji, Attendee, İstanbul, Turkey, 2013

25. Türkiye Üniversiteleri Sağlık Bilimleri Enstitüleri Toplantısı, Attendee, İstanbul, Turkey, 2013

Bosna & Hersek – Türkiye Psikiyatri Sempozyumu, Invited Speaker, Sarajevo, Bosnia And Herzegovina, 2013

3rd International Congress on Neurobiology and Psychopharmacology, Invited Speaker, Thessaloniki, Greece, 2013

8th Annual Conference of ORPHEUS, Invited Speaker, Praha, Czech Republic, 2013

Depresyon Nörobiyolojisi ve Tedavisinde Yeni Yaklaşımlar, Attendee, İstanbul, Turkey, 2013

Akılcı İlaç Kullanımı, Attendee, İstanbul, Turkey, 2013

Depresyon Nörobiyolojisi, Attendee, İstanbul, Turkey, 2012

1st Interdisciplinary Congress on Psychiatry and Related Sciences, Invited Speaker, Athens, Greece, 2012

Psikofarmakoloji Tedavi Güncelleme Toplantısı, Attendee, Antalya, Turkey, 2012

12.Ulusal Ağrı Kongresi, Working Group, İstanbul, Turkey, 2012

Morfin Bağımlılığı ile Başlayan Psikofarmakoloji Yolculuğu, Attendee, İstanbul, Turkey, 2012

Agmatinerjik system and its importance in psychopharmacology, Invited Speaker, Utrecht, Netherlands, 2012

6. Ulusal Anksiyete Kongresi, Working Group, Girne, Cyprus (Kktc), 2011

Third international meeting on pharmacy and pharmaceutical sciences, Invited Speaker, İstanbul, Turkey, 2010

45.Ulusal Psikiyatri Kongresi, Working Group, Ankara, Turkey, 2009

3. Ulusal Psikofarmakoloji Kongresi, Working Group, İstanbul, Turkey, 2009

44.Ulusal Psikiyatri Kongresi, Working Group, Antalya, Turkey, 2008

10. Ulusal Ağrı 9. Ulusal Rejyonel Anestezi Kongresi, Working Group, İstanbul, Turkey, 2008

Psikofarmakolojide Yeni Ufuklar Sempozyumu, Working Group, İstanbul, Turkey, 2008

Psikofarmakoloji Tedavi Güncellemesi, Attendee, Antalya, Turkey, 2008

The second dual congress on psychiatry and the neurosciences, Invited Speaker, Athens, Greece, 2006

3. Ulusal Bağımlılık Kongresi , Working Group, İstanbul, Turkey, 2006

9. Ulusal Ağrı Kongresi, Working Group, İstanbul, Turkey, 2006

1.Ulusal Psikofarmakoloji Kongresi, Working Group, İstanbul, Turkey, 2005

Ulusal Biyolojik Psikiyatri Kongresi, Attendee, İzmir, Turkey, 2005

Santral Sinir Sistemi ve Nitrik Oksit, Attendee, Mersin, Turkey, 2005

Nitrik Oksitin Psikiyatrideki Geleceği, Attendee, İstanbul, Turkey, 2005

Agmatinin Psikiyatrideki Yeri, Attendee, Kocaeli, Turkey, 2004

33rd Annual Meeting Society for Neuroscience, Invited Speaker, Louisiana, United States Of America, 2003

4th International Symposium on Agmatine and Imidazoline Systems, Invited Speaker, California, United States Of America, 2003

Psychiatry conference serious, Invited Speaker, Mississippi, United States Of America, 2002

I.Ulusal Sinirbilimleri Kongresi , Working Group, Eskişehir, Turkey, 2002

İmidazolin Reseptörleri ve Agmatin, Attendee, İzmir, Turkey, 2001

Neurobiology conference series, Invited Speaker, New-York, United States Of America, 2000

First International Meeting on Pharmacy and Pharmaceutical Sciences, Invited Speaker, İstanbul, Turkey, 1994

Opioid Analjezikler, Attendee, İstanbul, Turkey, 1990

## **Non Academic Experience**

Professional Association, Marmara University, Professional Pharmaceutical Sciences

Professional Association, Marmara University, Professional Pharmaceutical Sciences

University of Mississippi Medical Center

University of Temple

University of Mississippi

University of London

Cornell University