

John C. Malone Professor of Molecular, Cellular, and Developmental Biology
Department of Chemistry, Department of Pharmacology, Yale University

EMAIL ADDRESS: craig.crews@yale.edu

WEBSITE: crewslab.yale.edu

EDUCATION

1987-1993 **Ph.D.**, Biochemistry, Harvard
1986-1987 **DAAD Fellow**, Universität Tübingen, Germany
1982-1986 **B.A., Chemistry**, University of Virginia

PROFESSIONAL EXPERIENCE

2019- **John C. Malone Professor** of Molecular, Cellular, and Developmental Biology
2018- **Founder**, Halda Therapeutics, LLC.
2015-2019 **Director**, Program for Innovative Therapeutics for Connecticut's Health ([PITCH](#))
2013 **Founder**, [Arvinas](#), Inc.
2010-2019 **Lewis B. Cullman Professor** of Molecular, Cellular, and Developmental Biology
2008-2018 **Editor**, *Cell Chemical Biology*
2003 **Co-Founder**, [Proteolix](#), Inc. (sold to Onyx Pharmaceuticals, 2009)
2003- **Executive Director**, [Yale Center for Molecular Discovery](#)
2003-2020 **PI**, NIH T32 Chemistry and Biology Interface (CBI) Training Grant (T32GM067543)
2001-2007 **Assoc. Prof.** → **Professor**, Yale, Dept of Chemistry
1998-2007 **Asst. Prof.** → **Professor**, Yale School of Medicine, Dept of Pharmacology
1995-2007 **Asst. Prof.** → **Professor**, Yale, Dept of Molecular, Cellular & Dev. Biol. (tenured 2001)
1993-1995 **Postdoctoral Fellow**, Dept. of Chemistry, Harvard University

HONORS AND AWARDS

2025 **Havinga Medal**, Havinga Foundation, Leiden University
2025 **Passano Award**, Passano Foundation (with Ray Deshaies)
2024 **IUPAC-Richter Prize in Medicinal Chemistry**, International Union of Pure and Applied Chem
2024 **Kimberly Prize**, Northwestern School of Medicine and Simpson Querrey Institute for Epigenetics
2024 **Fellow**, American Association for Cancer Research (AACR) Academy
2024 **Benvenuto Memorial Award**, MD Anderson Cancer Center
2024 **Emanuel Merck Lectureship Award**, Technical University of Darmstadt and Merck, KGaA
2023 **Bristol Myers Squibb Award in Enzyme Chemistry**, American Chemical Society
2023 **Gabbay Award in Biotechnology and Medicine**, Brandeis University (with Ray Deshaies)
2022 **Connecticut Medal of Technology**, Connecticut Academy of Sciences and Engineering
2021 **Honorary Doctorate (Dr. h. c.)**, Technische Universität Dortmund, Germany
2021 **Scheele Award**, Swedish Pharmaceutical Society
2020 **Heinrich Wieland Prize**, Boehringer Ingelheim Foundation
2019 **American Cancer Society Professorship**
2019 **Pharmacia-ASPET Award for Experimental Therapeutics**
2018 **Pierre Fabre Award for Therapeutic Innovation**
2018 **Khorana Prize**, Royal Society of Chemistry
2017 **AACR Award for Outstanding Achievement in Chemistry in Cancer Research**
2015 **Translational Research Prize**, Yale Cancer Center
2015 **NIH R35 Outstanding Investigator Award** (National Cancer Institute)
2014 **UCB-Ehrlich Award for Excellence in Medicinal Chemistry** (Eur. Fed. of Med. Chemistry)
2013 **Entrepreneur of the Year**, Connecticut United for Research Excellence (CURE)
2013 **Fellow**, American Association for the Advancement of Science (AAAS)
2011 **Senior Scholar Award**, Ellison Medical Foundation
2010 **Lewis B. Cullman Professor** of Molecular, Cellular, and Developmental Biology
2006 **Bessel Research Award**, Alexander von Humboldt Foundation, Germany
2005- **Fellow of the Royal Society of Chemistry**
1999 **Arthur Greer Memorial Prize** (Outstanding Jr Faculty in the Social or Natural Sciences)
1996 **CaPCURE Research Award** (Association for the Cure of Cancer of the Prostate)
1996 **Burroughs Wellcome Fund New Investigator Award**
1986-1987 **DAAD Research Fellowship** (German Academic Exchange Service)

PLENARY/KEYNOTE LECTURES

- 1) Bohlmann Lecture, TU Berlin, November 2025
- 2) Emanuel Merck Lectureship, Darmstadt, Germany, May 2024
- 3) Lemieux Lecture in Biotechnology, U. Alberta, Edmonton, 2023
- 4) Shaomeng Wang Drug Discovery Award Lecture, U. Michigan, 2023
- 5) Rinehart Lecture, U. Illinois Champaign-Urbana, 2022
- 6) 22nd Irving L. Schwartz Lecture, Mt. Sinai School of Medicine, 2022
- 7) Bristol Myers Squibb Lecture, UC Berkeley, 2022
- 8) Smissman Memorial Lecture, U. Kansas, 2022
- 9) Myron & Muriel Bender Distinguished Lecture in Organic Chemistry, Northwestern U., 2022
- 10) AACR-Irving Weinstein Foundation Distinguished Lecture, 2022
- 11) C.V. Ramakrishnan Lecture, U. Baroda, India, 2022
- 12) Scheele Prize Symposium, Stockholm 2021
- 13) Wieland Prize Symposium, Munich 2021
- 14) David James Lecture, University of Cambridge, 2021
- 15) VIth International Drug Discovery and Development Forum, 2020
- 16) CHAINS: The Dutch Chemistry Conference, 2020
- 17) Novartis Lecture, Scripps Research Institute, 2020
- 18) Targeted Protein Degradation Summit, 2020
- 19) Israeli Chemistry Society Annual Meeting, 2020
- 20) Terry Fox Cancer Symposium, 2019
- 21) NIH Director's Wednesday Afternoon Lecture, 2019
- 22) Targeted Protein Degradation Conference, 2019
- 23) European Protein Degradation Congress, 2019
- 24) International Chemical Biology Society Annual Meeting, 2018
- 25) Royal Society of Chemistry, 'Chemical Biology Meets Drug Discovery', 2018
- 26) Israeli Chemistry Society Medicinal Chemistry Symposium, 2018
- 27) Vienna Biocenter Ubiquitin Symposium, 2018
- 28) David Chu Lecture, U. Georgia, 2018
- 29) University Lecture, UT-Southwestern Medical Center
- 30) Lilly-Brown Lecture, Purdue University, 2017
- 31) Belleau Lecture, McGill University, 2017
- 32) Chinese Medicinal Chemistry Symposium, Beijing, 2017
- 33) CHI Drug Discovery Conference, 2017
- 34) Lemieux Lecture, University of Ottawa, 2016
- 35) Discovery on Target: The Ubiquitin Proteasome System, 2016
- 36) Leopold Symposium on Drug Discovery and Translation, 2016
- 37) XXIII International Symposium on Medicinal Chemistry, 2014
- 38) XXII International Symposium on Medicinal Chemistry, 2012
- 39) Pfizer Distinguished Lecturer, Colorado State University, 2012
- 40) European Institute of Chemistry and Biology Symposium, 2011
- 41) Pfizer 2009 Worldwide Medicinal Chemistry Symposium, 2009

EDITORIAL BOARDS

Cell Chemical Biology, ACS Chemical Biology, ChemBioChem

PATENTS (11) /PATENT APPLICATIONS (31)

FDA APPROVED/PENDING DRUGS Carfilzomib/Kyprolis™ (July 2012) (<http://en.wikipedia.org/wiki/Carfilzomib>)
Pending: ARV-471 (NDA filed; FDA approval decision by May 2026)

DRUG CANDIDATES CURRENTLY IN CLINICAL TRIALS

ARV-110 (Androgen Receptor Degrading PROTAC) (started January 2019)
HLD-0915 (Androgen Receptor RIPTAC) (started January 2025)