

CRAIG MARTIN CREWS, Ph.D.

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

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EDUCATION

1987-1993 **Ph.D.**, Biochemistry, Harvard (*thesis project: Purification/cloning of MEK1*)
1986-1987 **DAAD Fellow**, Universität Tübingen, Germany
1982-1986 **B.A., Chemistry**, University of Virginia

PROFESSIONAL EXPERIENCE

2021- **Founder**, Siduma Therapeutics, LLC
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

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
2010-2013 **Visiting Professor (Guest Professor)**, Universität Konstanz, Germany
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)
1996-1998 **CaPCURE Research Award** (Association for the Cure of Cancer of the Prostate)
1996-1999 **Burroughs Wellcome Fund New Investigator Award**

1993-1995
1986-1987
Service)

Cancer Research Institute Postdoctoral Fellowship
DAAD Research Fellowship (German Academic Exchange

PUBLICATIONS 181 H-Index: 90 (Google Scholar)

<https://pubmed.ncbi.nlm.nih.gov/?term=crews+cm&sort=pubdate>

PLENARY/KEYNOTE LECTURES

- 1) Bristol Myers Squibb Lecture, UC Berkeley, 2022
- 2) Smissman Memorial Lecture, U.Kansas, 2022
- 3) Myron & Muriel Bender Distinguished Lecture in Organic Chemistry, Northwestern U., 2022 4) AACR-Irving Weinstein Foundation Distinguished Lecture, 2022
- 5) C.V. Ramakrishnan Lecture, U.Baroda, India, 2022
- 6) Scheele Prize Symposium, Stockholm 2021
- 7) Wieland Prize Symposium, Munich 2021
- 8) David James Lecture, University of Cambridge, 2021
- 9) VIth International Drug Discovery and Development Forum, 2020
- 10) CHAINS: The Dutch Chemistry Conference, 2020
- 11) Novartis Lecture, Scripps Research Institute, 2020
- 12) Targeted Protein Degradation Summit, 2020
- 13) Israeli Chemistry Society Annual Meeting, 2020
- 14) Terry Fox Cancer Symposium, 2019
- 15) NIH Director's Wednesday Afternoon Lecture, 2019
- 16) Targeted Protein Degradation Conference, 2019
- 17) European Protein Degradation Congress, 2019
- 18) International Chemical Biology Society Annual Meeting, 2018
- 19) Royal Society of Chemistry, 'Chemical Biology Meets Drug Discovery', 2018
- 20) Israeli Chemistry Society Medicinal Chemistry Symposium, 2018
- 21) Vienna Biocenter Ubiquitin Symposium, 2018
- 22) David Chu Lecture, U. Georgia, 2018
- 23) University Lecture, UT-Southwestern Medical Center
- 24) Lilly-Brown Lecture, Purdue University, 2017
- 25) Belleau Lecture, McGill University, 2017
- 26) Chinese Medicinal Chemistry Symposium, 2017
- 27) Virginia Drug Discovery Symposium, 2017
- 28) CHI Drug Discovery Conference, 2017
- 29) Lemieux Lecture, University of Ottawa, 2016
- 30) Discovery on Target: The Ubiquitin Proteasome System, 2016
- 31) Leopold Symposium on Drug Discovery and Translation, 2016
- 32) XXIII International Symposium on Medicinal Chemistry, 2014
- 33) XXII International Symposium on Medicinal Chemistry, 2012
- 34) Pfizer Distinguished Lecturer, Colorado State University, 2012
- 35) American Society of Pharmacognosy 2011 Meeting, 2011
- 36) European Institute of Chemistry and Biology Symposium, 2011
- 37) Vanderbilt Chemical Biology Symposium, 2010
- 38) Pfizer 2009 Worldwide Medicinal Chemistry Symposium, 2009
- 39) Biotechnology and Biological Sciences Research Council Chemical Biology Workshop, 2007
- 40) Institut de Chimie des Substances Naturelles 9th Symposium, 2004

EDITORIAL BOARDS

Cell Chemical Biology, ACS Chemical Biology, ChemBioChem, Molecular Biosystems, Chemistry & Biology, Molecular and Cellular Proteomics

PATENTS (11) /PATENT APPLICATIONS (31)

FDA APPROVED DRUGS

Carfilzomib/Kyprolis™ (July 2012) (<http://en.wikipedia.org/wiki/Carfilzomib>)

DRUG CANDIDATES CURRENTLY IN PHASE 2 CLINICAL TRIALS

ARV-110 (Androgen Receptor Degrading PROTAC) (started January 2019)

ARV-471 (Estrogen Receptor Degrading PROTAC) (started August 2019)