نام و نام خانوادگی: فاطمه قربانی بیدکرپه
تاریخ تولد :۱۳۵۸/۱۲/۲۴
محل تولد: تهران
وضعیت تاهل: متاهل
شماره تماس: ۰۲۱۸۸۲۰۰۲۱۲

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سوابق تحصیلی:

۱- دوره تحقیقاتی Post-doc در دانشگاه دورتموند آلمان- ۱۳۸۹ الی ۱۳۹۰
پروژه های تحقیقاتی درآلمان:۱- تهیه پلیمرهای قالب مولکولی در استخراج مقادیر کم داروها در آب
۲- تهیه نانو ذرات پلیمرهای قالب مولکولی مغناطیسی و کاربرد آن در سنسور دارویی

1- Water treatment by molecularly imprinted materials, European Project.
2- German/Italian cooperation project between University of Lecce and TU-Dortmund on molecular imprinted magnetic and silica nanoparticles for recognition and sensing of serotonin involving the preparation of core-shell molecularly imprinted polymer via reversible addition-fragmentation chain transfer polymerization (continuing the collaboration after leaving Germany).

۲- فارغ التحصیل PhD در رشته فارماسیوتیکس- دانشکده داروسازی – دانشگاه علوم پزشکی تهران با معدل ۱۸/۳۳- سال ۱۳۸۹
۳- فارغ التحصیل دکتری عمومی داروسازی – واحد علوم دارویی- دانشگاه آزاد اسلامی با معدل ۱۸/۷۲ - سال ۱۳۸۳
۴- دوره پیش دانشگاهی در مرکز پیش دانشگاهی قدس تهران با معدل ۱۹/۵۰
۵- فارغ التحصیل دبیرستان دخترانه فاطمیه تهران با معدل ۱۹/۷۰

جوایز :

۱-عضو بنیاد ملی نخبگان: دارای افتخار دانش آموخته برتر آموزشی، پژوهشی و نوآوری
۲- برنده جایزه زنده یاد دکتر کاظمی آشتیانی از بنیاد ملی نخبگان
۳- کسب رتبه اول آزمون ورودی دوره دستیاری فارماسیوتیکس- سال ۱۳۸۳

۴- کسب عنوان دانشجوی نمونه واحد علوم دارویی دانشگاه آزاد اسلامی- سال ۱۳۸۳
۵- کسب رتبه اول آزمون علوم پایه دردانشکده و رتبه سوم آزمون علوم پایه در کشور- سال ۱۳۸۰
۶-کسب عنوان دانشجوی نمونه زبان انگلیسی در سال ۱۳۸۴
۷- کسب رتبه پنجم دروه آموزشی طب سنتی در دانشکده داروسازی علوم پزشکی تهران
۸- کسب رتبه های ۲و ۵ در ارائه سخنرانی و پوستر در سمینارهای دانشجویی داروسازی
۹- کسب رتبه اول آزمون پیش دانشگاهی در منطقه ۸ تهران- ۱۳۷۶

سوابق کاری:

۱- مدرس کلاس اشکال دارویی عملی در سال تحصیلی ۱۳۸۵-۱۳۸۴ در دانشکده داروسازی دانشگاه علوم پزشکی تهران
۲- مدرس درسهای فیزیکال فارماسی- فارماسیوتیکس و کنترل فیزیکو شیمیایی در موسسه نو اندیشان آریا از سال ۱۳۸۵ تا۱۳۹۱
۳- مححق در شرکت داروسازی دارو درمان پارس- ۱۳۸۳
۴- محقق و مشاور در شرکتهای داروسازی آفاشیمی و تهران شیمی- پاییز ۱۳۹۰ تا ۱۳۹۱.
۵- همکاری با واحد علوم دارویی- دانشکده های داروسازی، شیمی دارویی وفناوریهای نوین - بهار ۹۱ تا بهار ۹۲
۶- استادیار دانشکده داروسازی علوم پزشکی شهید بهشتی- تیر ۱۳۹۲ تاآ ذر ۱۴۰۱
۷- دانشیار دانشکده داروسازی آذر ۱۴۰۱ - تاکنون

سوابق اجرایی:

۱- مدیر اداره آموزش عمومی دانشکده داروسازی
۲- مسئول آموزش مجازی دانشکده داروسازی
۳- دبیر کمیته فناوری و نوآوری های علوم پزشکی موسسه نیماد
۴- عضو کمیته فناوری و نوآوری های علوم پزشکی موسسه نیماد
۵- نماینده کارگروه مرجعیت علمی دانشکده داروسازی در دانشگاه
۶- عضو دفتر توسعه آموزش دانشکده داروسازی و مسئول کمیته برنامه ریزی درسی
۷- استاد راهنمای ورودی ۹۰، ۹۶ و ۹۷ دانشکده داروسازی

دروس تدریسی در طول دوره عمومی:

فارماسیوتیکس نظری۱، ۲ و ۳، فارماسیوتیکس عملی ۴و۵ ، فیزیکال فارماسی نظری ۲ ، محاسبات در داروسازی، مبانی کنترل کیفیت، کنترل فیزیکوشیمیایی نظری، کارآموزی مقدماتی صنعت

دروس تدریسی در دوره :.Ph.D

مبانی و کاربرد پلیمرها در داروسازی، مهندسی پلیمرپیشرفته، فیزیکال فارماسی نظری و عملی، سامانه های دارورسانی ۱، نانومدیسین نظری و عملی

موضوعات مورد علاقه تحقیق و سوابق تحقیقاتی:

۱- طراحی و ساخت حسگرها و زیست حسگرهای دارویی با استفاده از نانو مواد و روشهای الکتروشیمیایی تجزیه ای و کاربرد آنها در آنالیز داروها

۲- سنتز پلیمرهای قالب مولکولی (Molecular imprinted polymers) به صورت بالک و نانوذرات و کاربرد آنها در طراحی حسگرها و زیست حسگرها ، جداسازی و آنالیز داروها وسامانه های دارورسانی

۳- سنتز نانوگرافن اکساید ، نانو ذرات مغناطیسی و کاربرد آن در استخراج داروها و طراحی حسگرها و زیست حسگرها

۴- طراحی و ساخت آزمایشگاه روی تراشه ((Lab-on-a-chip و کاربرد آن در طراحی حسگرها و سنتز نانومواد با کاربرد در علوم دارویی

۵- سنتز نانوساختارهای فلزی- آلی (Metal organic frameworks) و کاربرد آن در استخراج داروها و طراحی حسگرها و زیست حسگرها و سامانه های دارورسانی

۴- طراحی و ساخت آزمایشگاه روی تراشه (Lab-on-a-chip) و کاربرد آن در طراحی حسگرها و سامانه های دارورسانی

۵- هوش مصنوعی و کاربرد در سامانه های دارورسانی و ساخت حسگرها

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1- Kashefi S, Mohammadi-Yeganeh S, Ghorbani-Bidkorpeh F, Shabani M, Koochaki A, Safarzadeh M, Hoseini MH. Anti-cancer effects of a chitosan based nanoformulation expressing miR-340 on 4T1 breast cancer cells. Journal of Pharmaceutical Sciences. 2023 Oct 6.

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3- Akhtari N, Ahmadi M, Kiani Doust Vaghe Y, Asadian E, Behzad S, Vatanpour H, Ghorbani-Bidkorpeh F *, Natural agents as wound-healing Promoters, accepted in Inflammopharmacology.

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5- Hanif Afsharara, Elham Asadian, Bahar Mostafiz, Kamran Banan, Sara Arjomand Bigdeli, Dara Hatamabadi, Azadeh Keshavarz, Chaudhery Mustansar Hussain, Rüstem Keçili, Fatemeh Ghorbani-Bidkorpeh, Molecularly imprinted polymer-modified carbon paste electrodes (MIP-CPE): A review on sensitive electrochemical sensors for pharmaceutical determinations, TrAC Trends in Analytical Chemistry, Volume 160, 2023, 116949, ISSN 0165-9936, https://doi.org/10.1016/j.trac.2023.116949. Citations
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10- Ahmadi M, Ebrahimnia M, Shahbazi MA, Keçili R, Ghorbani-Bidkorbeh F. Microporous metal–organic frameworks: Synthesis and applications. Journal of Industrial and Engineering Chemistry. 2022;115:1-11. Citations
11- Siavashy S, Soltani M, Ahmadi M, Landi B, Mehmanparast H, Ghorbani-Bidkorbeh F, A Comprehensive Review of One Decade of Microfluidic Platforms Applications in Synthesis of Enhanced Carriers Utilized in Controlled Drug Delivery, Advanced Materials Technologies, 2022, 2101615.
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